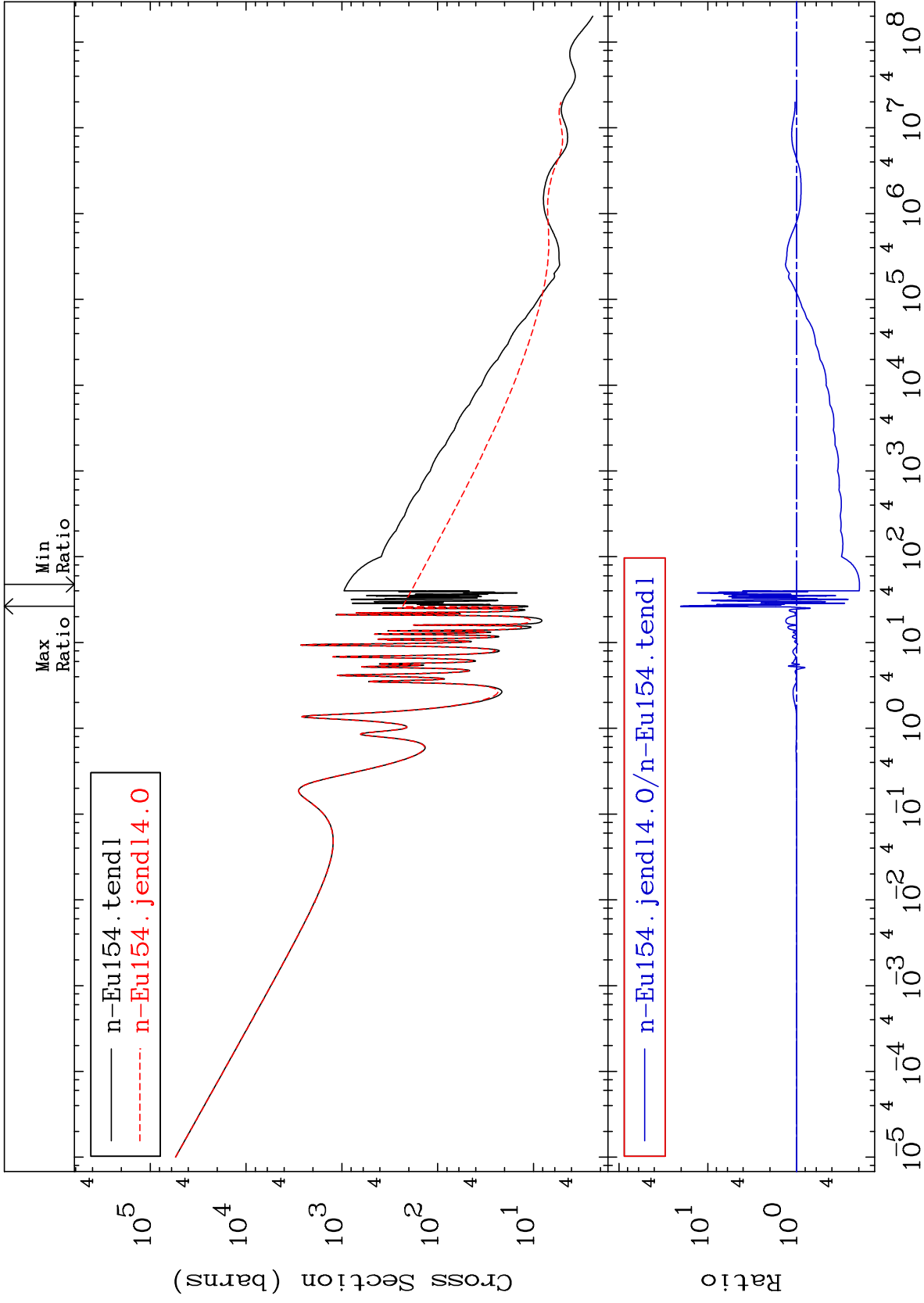


MAT 6334

Total  
Cross Section

63-Eu-154  
-80.36 To 1936. %



63-Eu-154

Incident Energy (eV)

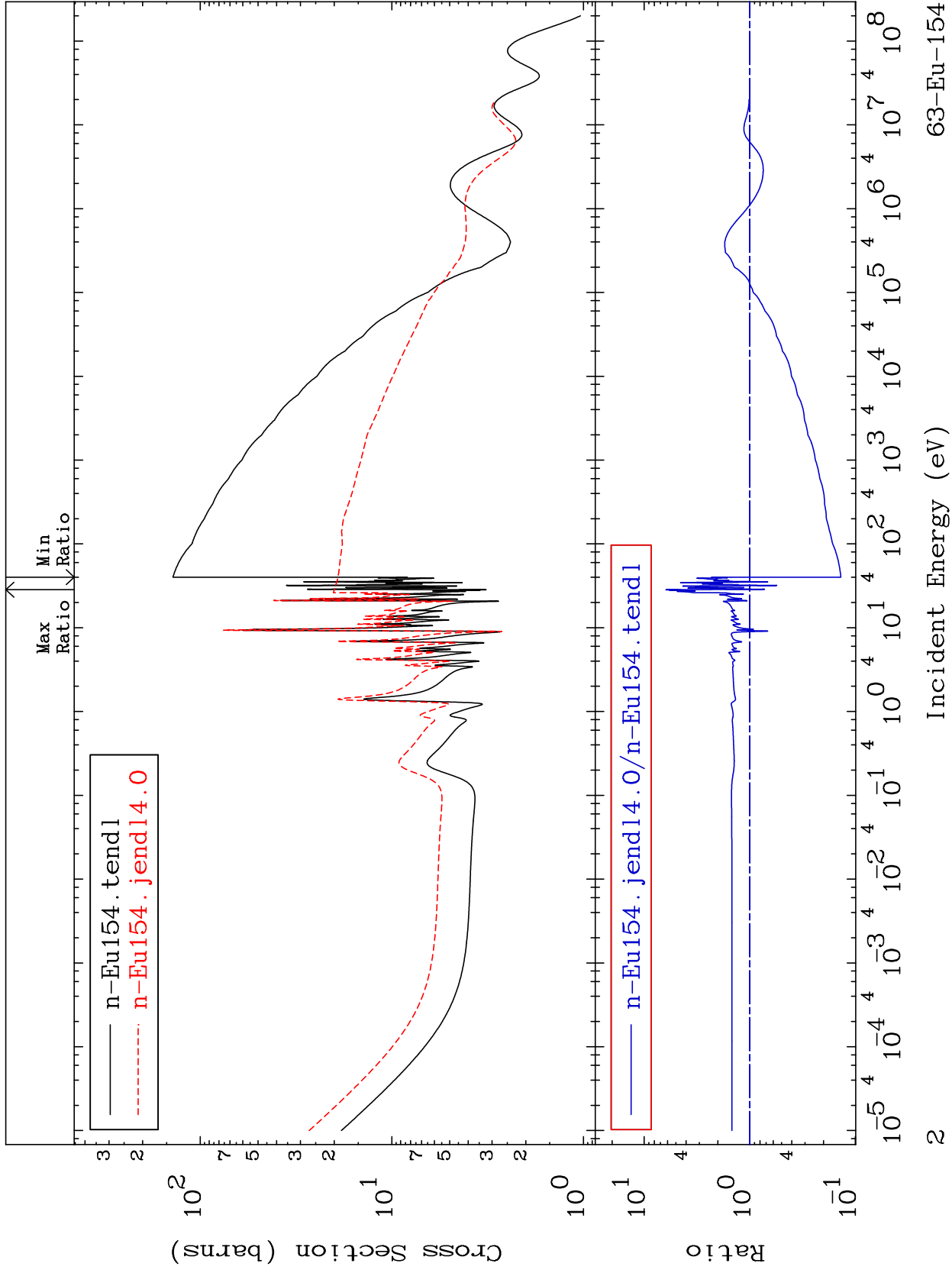
MAT 6334

Elastic

63-Eu-154

Cross Section

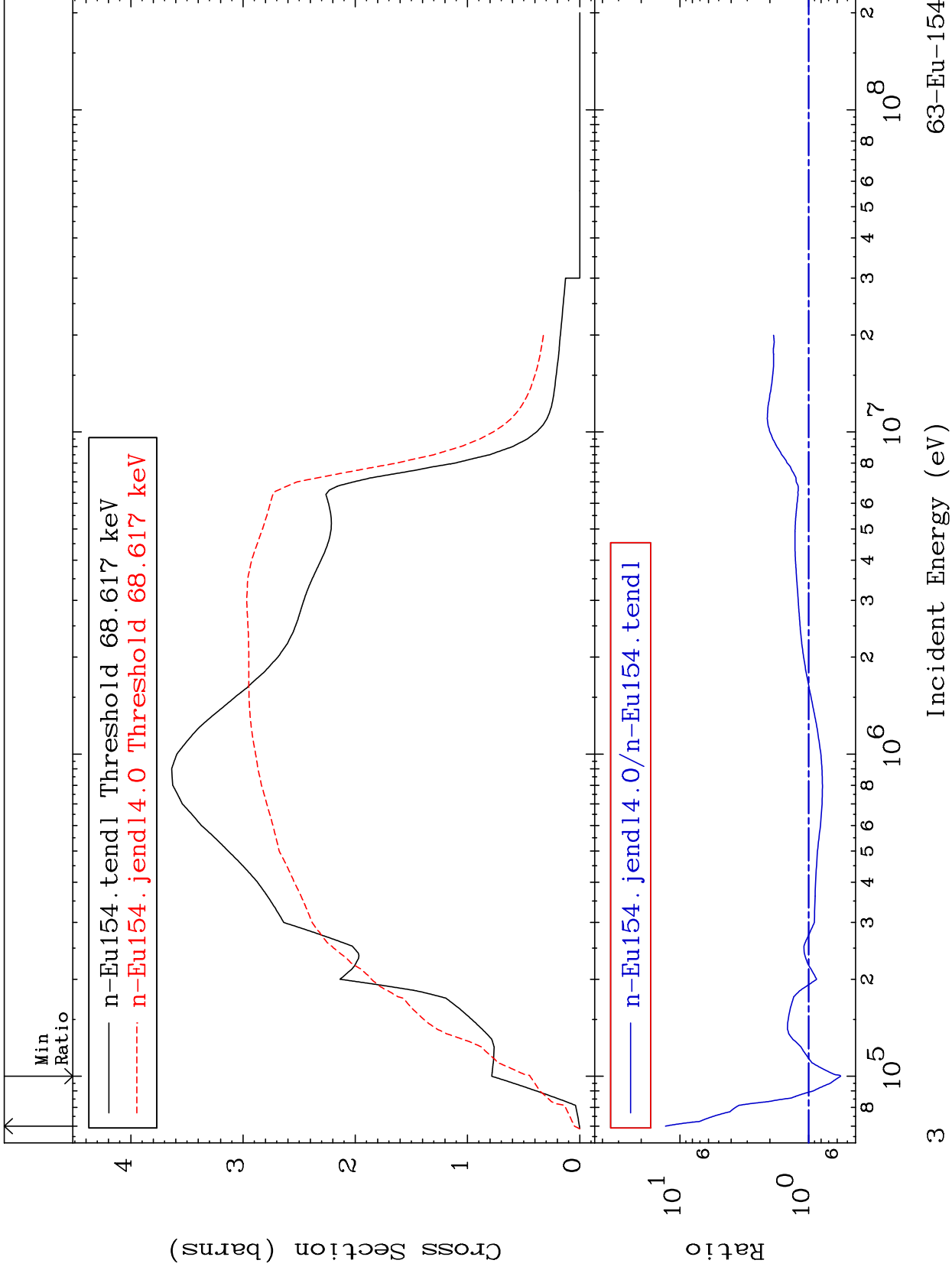
-86.28 To 520.4 %



MAT 6334

Inelastic  
Cross Section

63-Eu-154  
-43.54 To 1196. %



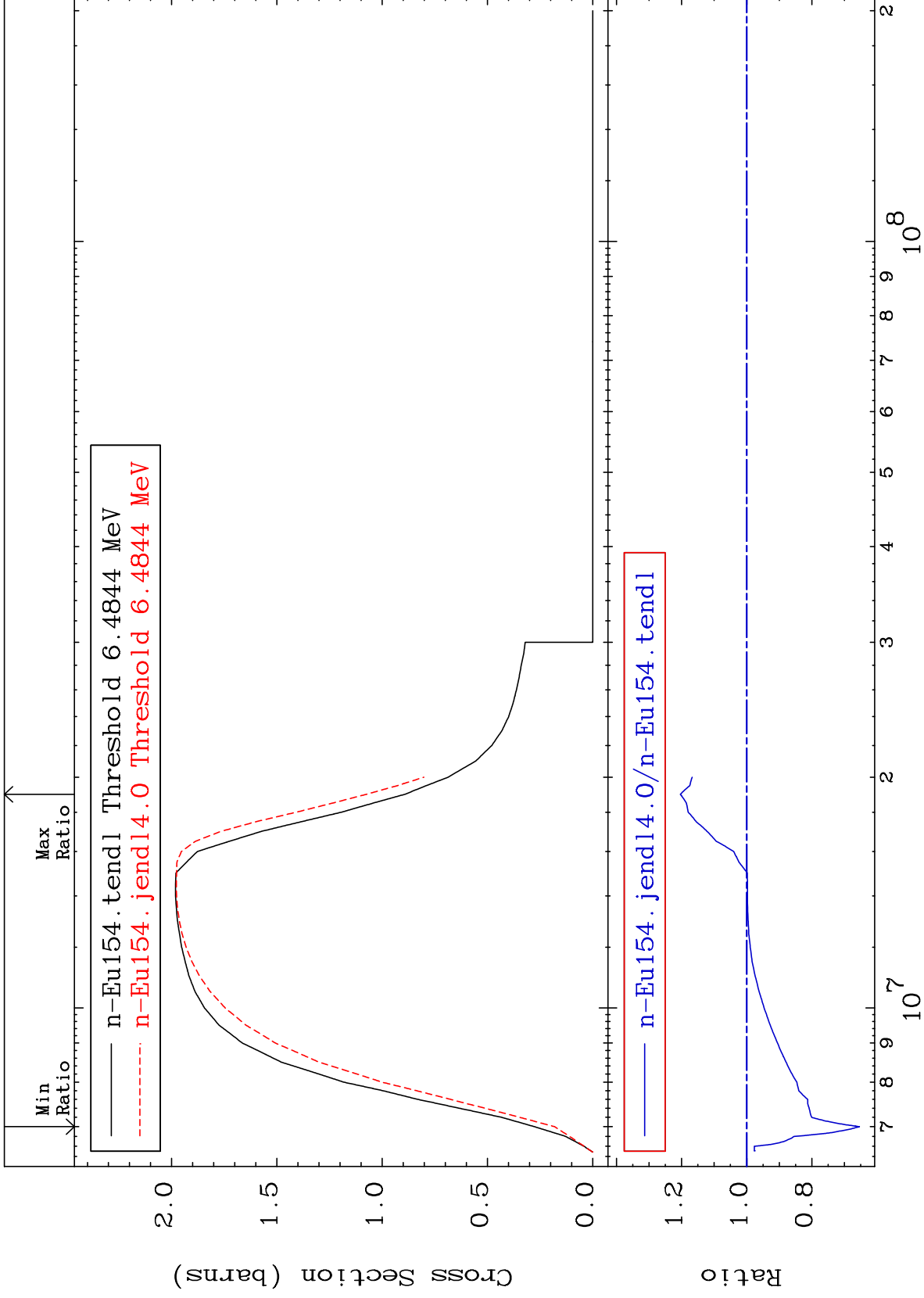
MAT 6334

(n,2n)

63-Eu-154

Cross Section

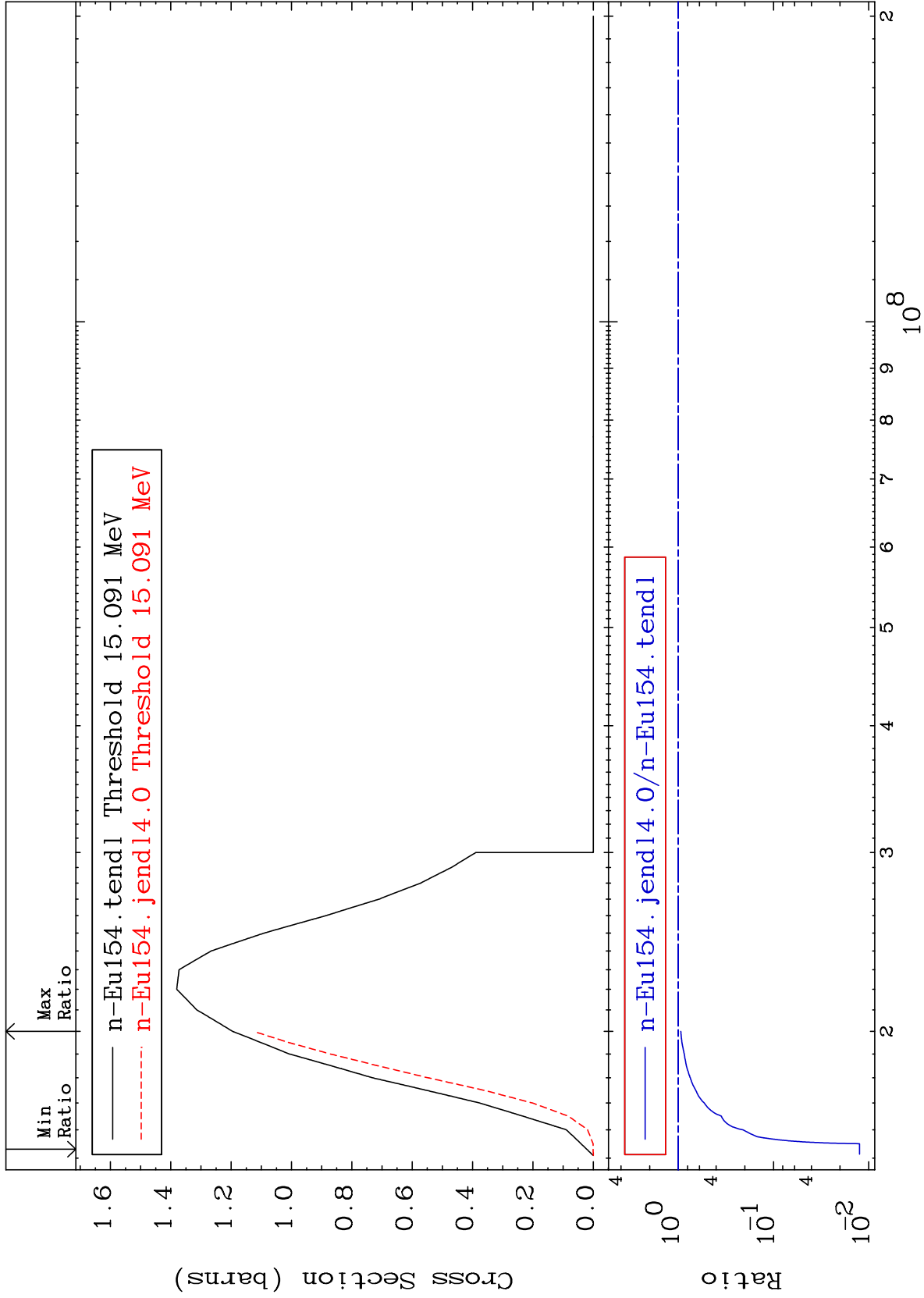
-34.60 To 20.38 %



4

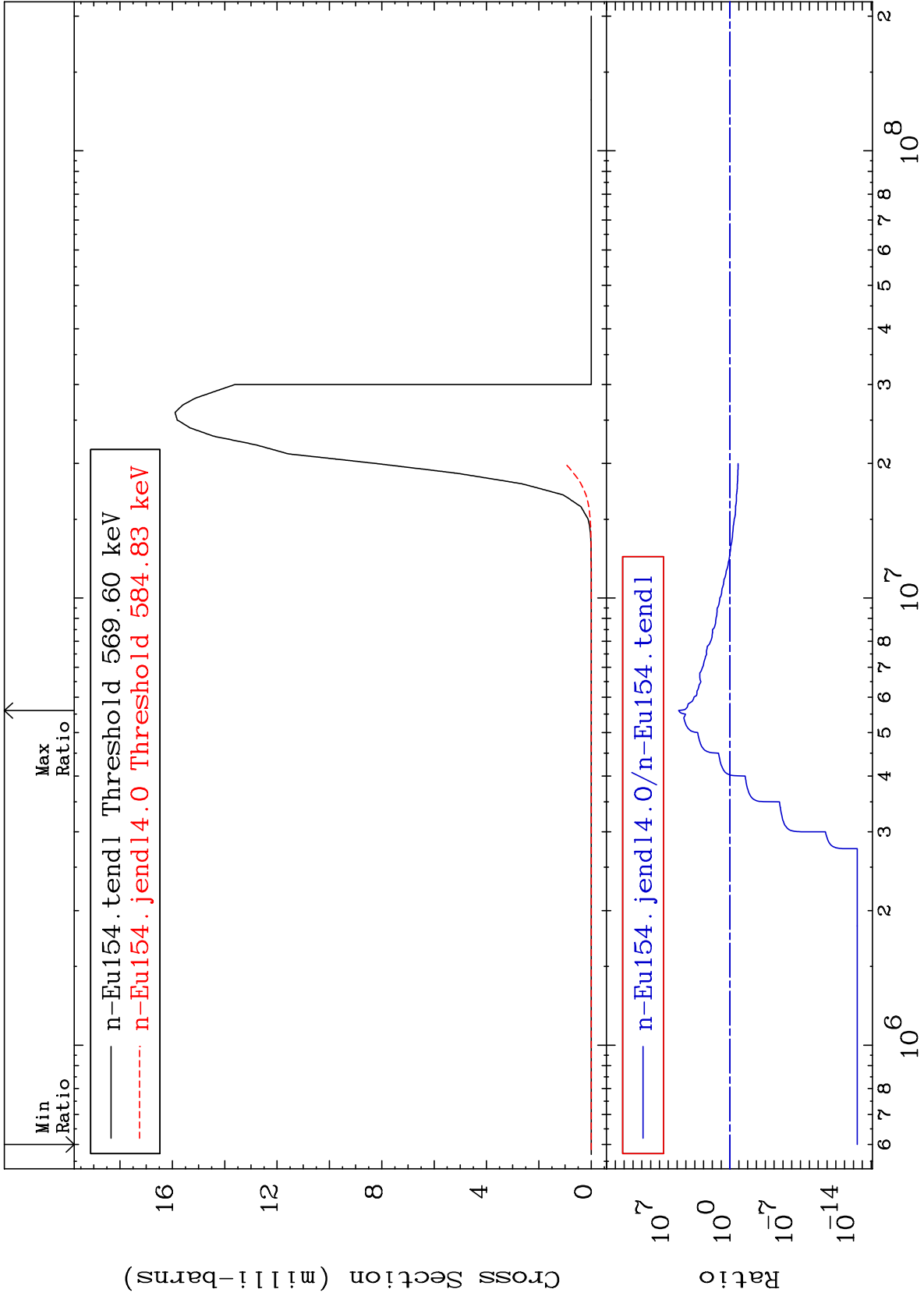
Incident Energy (eV)

63-Eu-154



MAT 6334

(n, n')  $\alpha$   
Cross Section  
63-Eu-154  
-100.0 To 9999. %



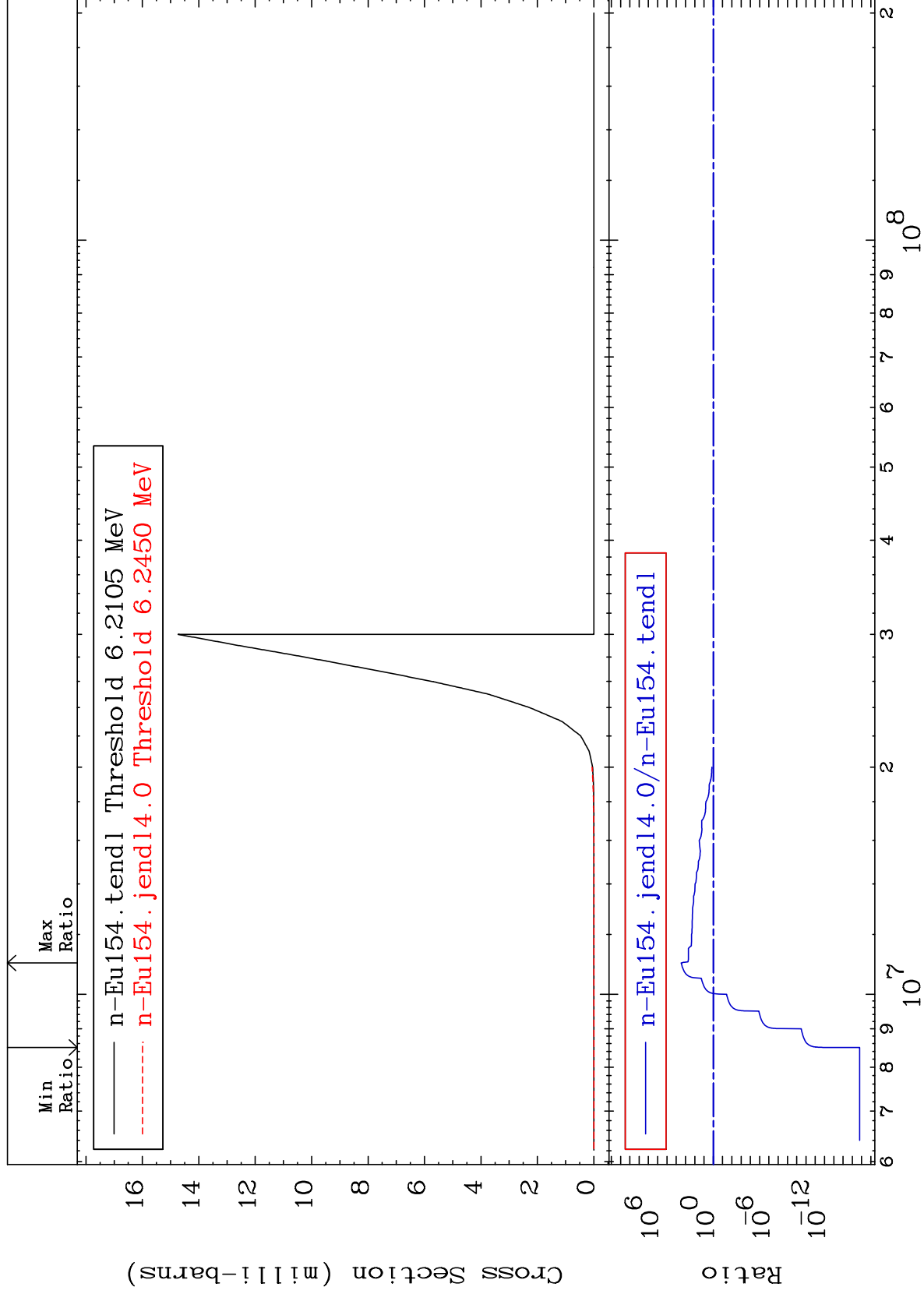
MAT 6334

(n,2n)  $\alpha$

63-Eu-154

Cross Section

-100.0 To 9999. %



7

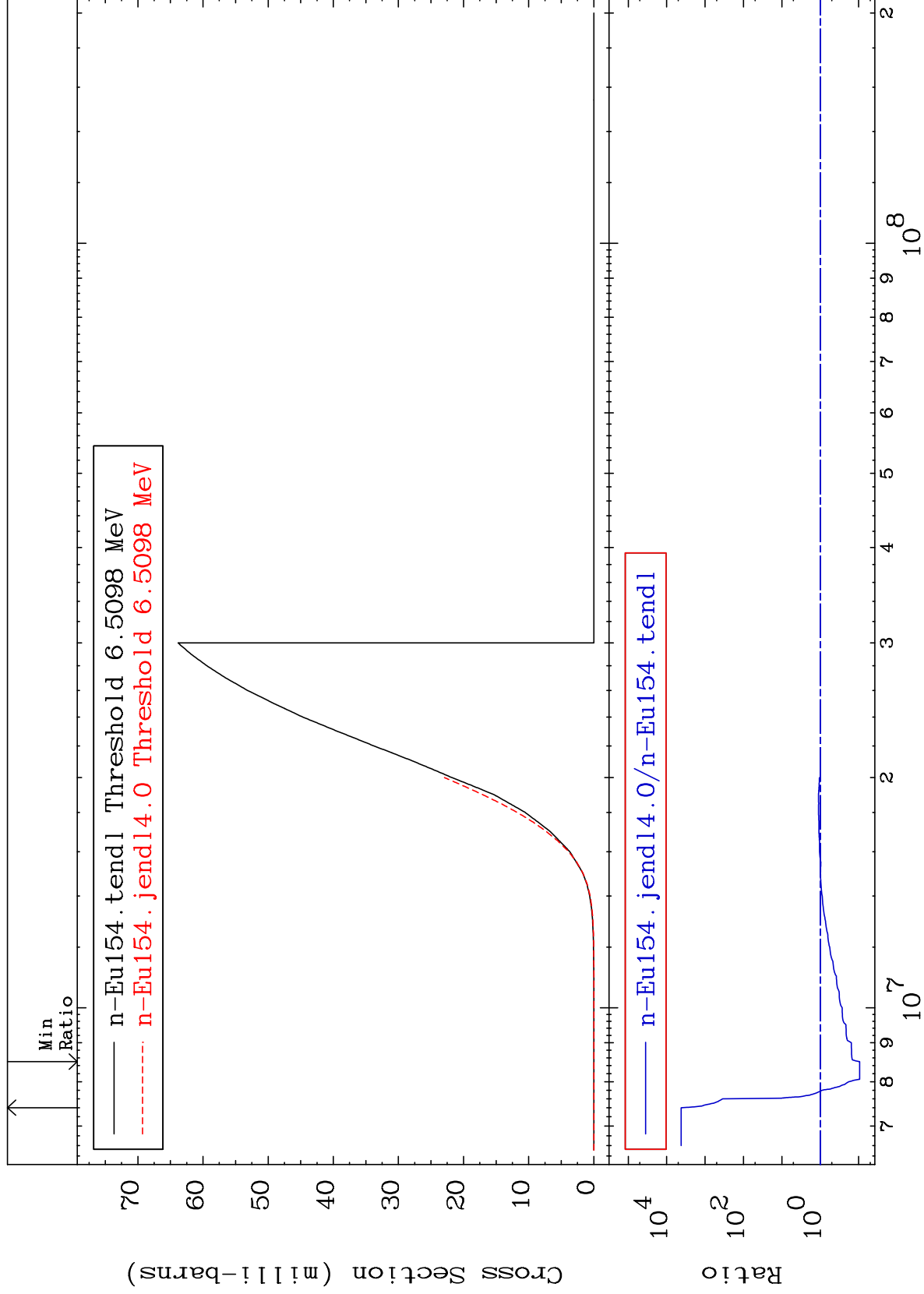
Incident Energy (eV)

63-Eu-154

MAT 6334

(n,n') p  
Cross Section

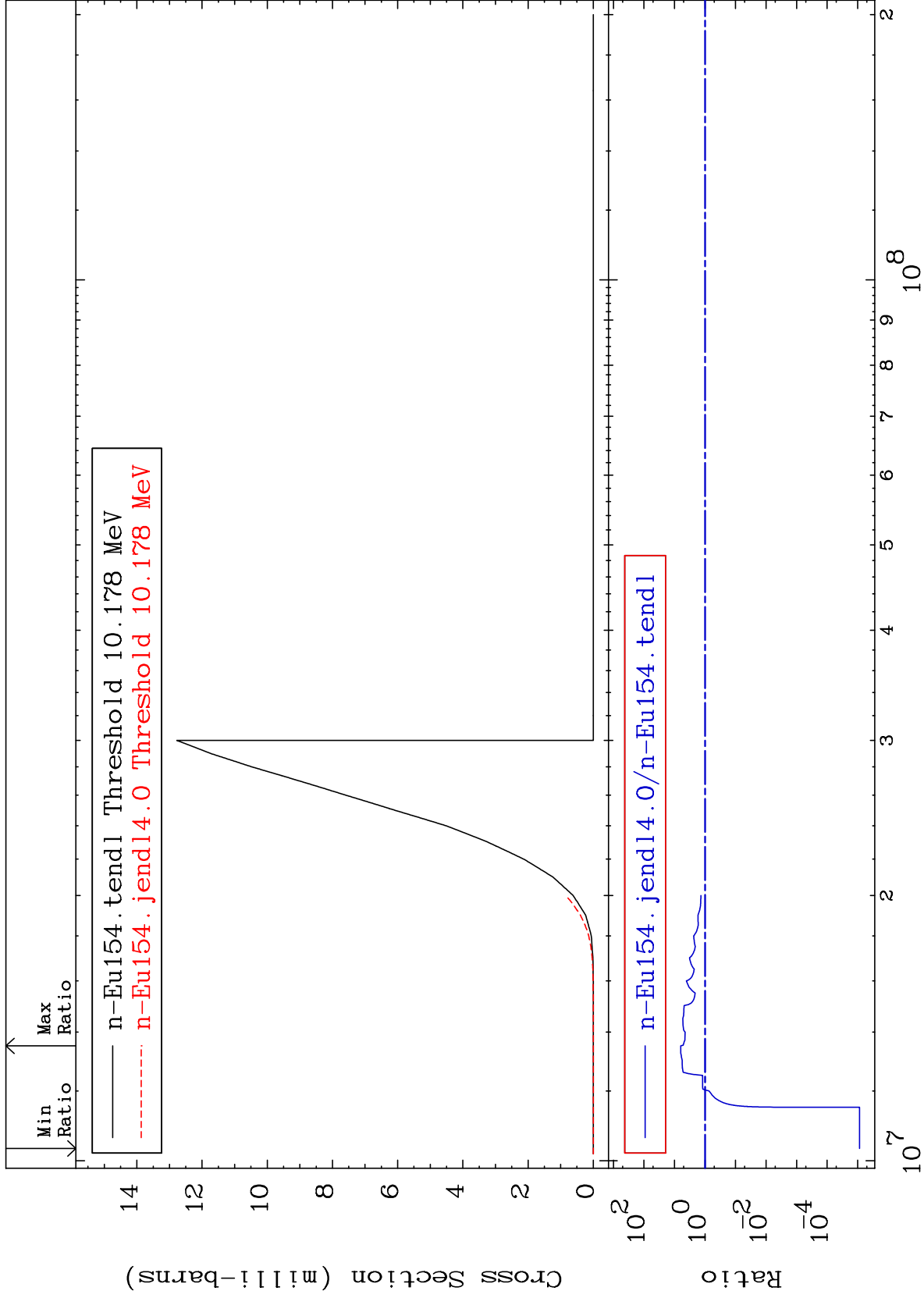
63-Eu-154  
-90.55 To 9999. %





Cross Section

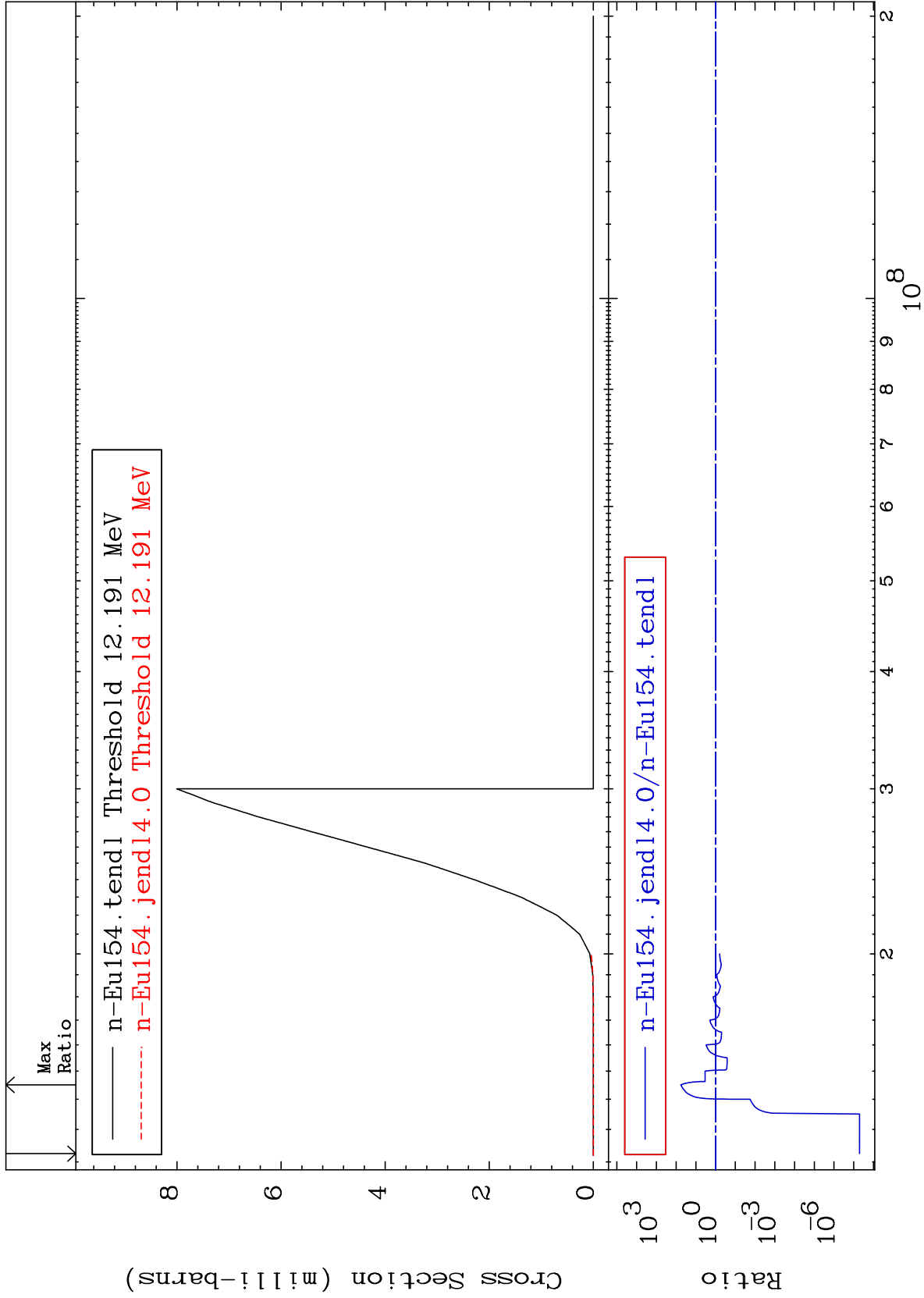
-100.0 To 521.4 %



MAT 6334

(n,n') t  
Cross Section

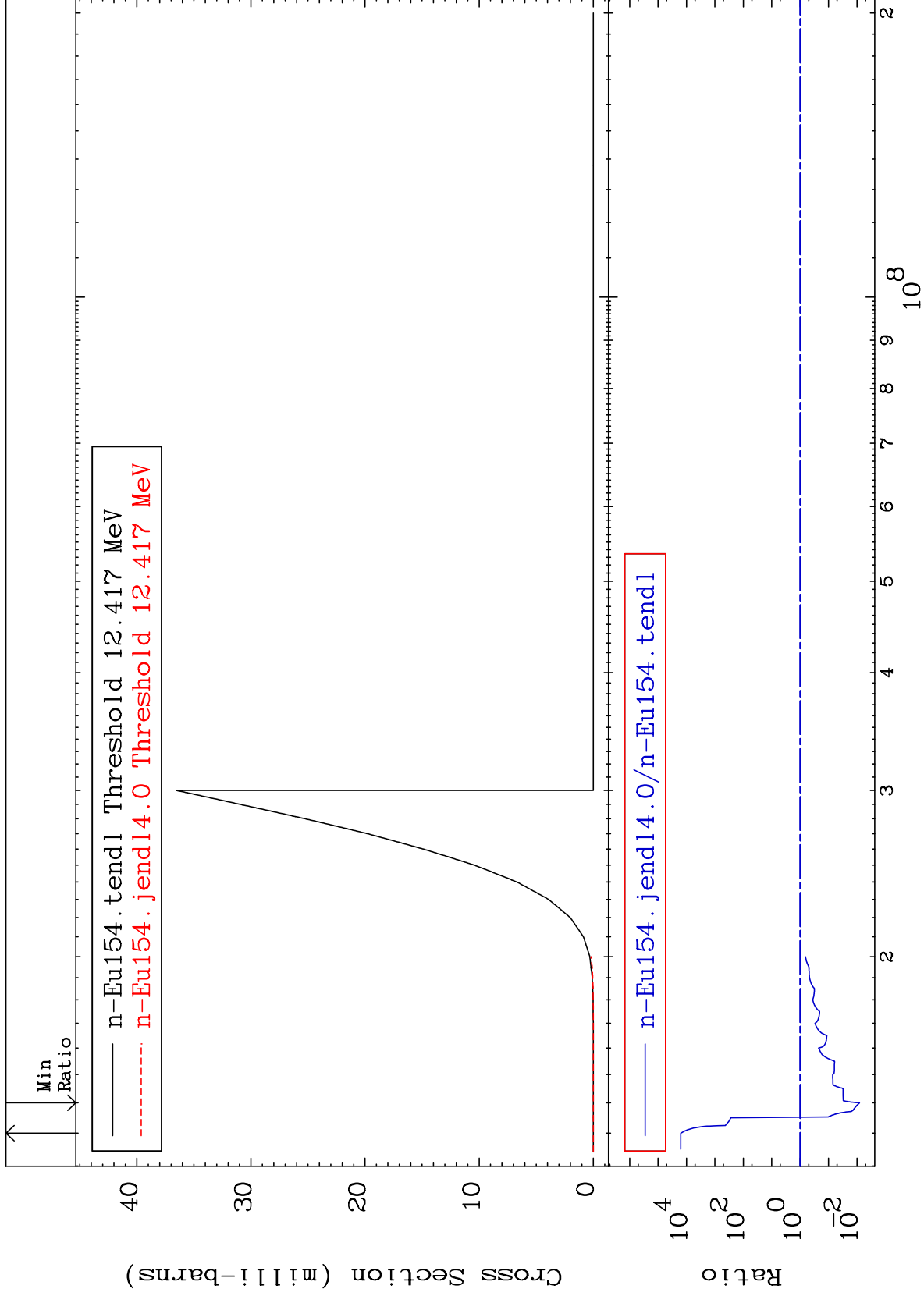
63-Eu-154  
-100.0 To 5712. %



10

Incident Energy (eV)

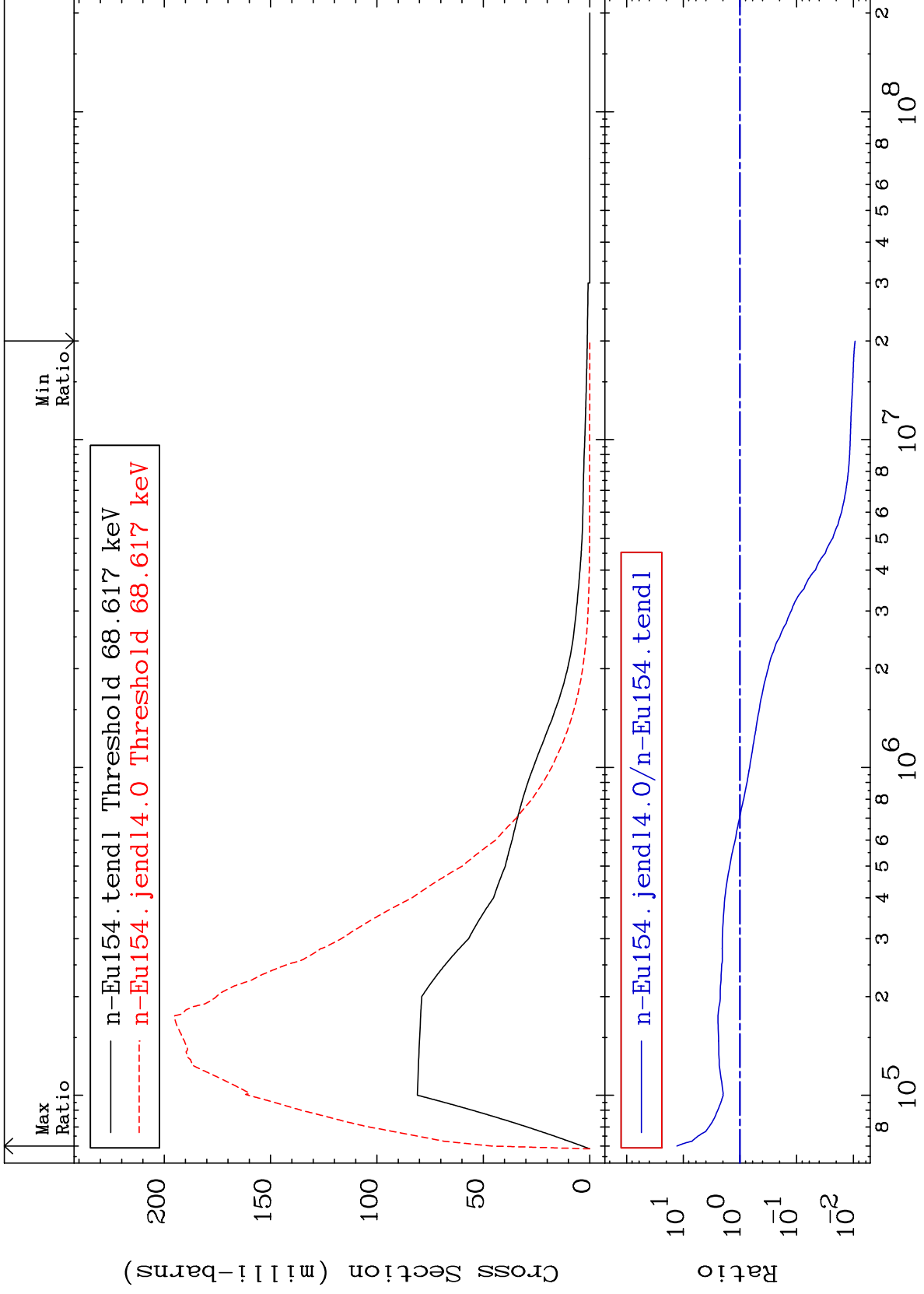
63-Eu-154



MAT 6334

MT= 51 (n,n') Level  
Cross Section

63-Eu-154  
-99.07 To 1196. %



12

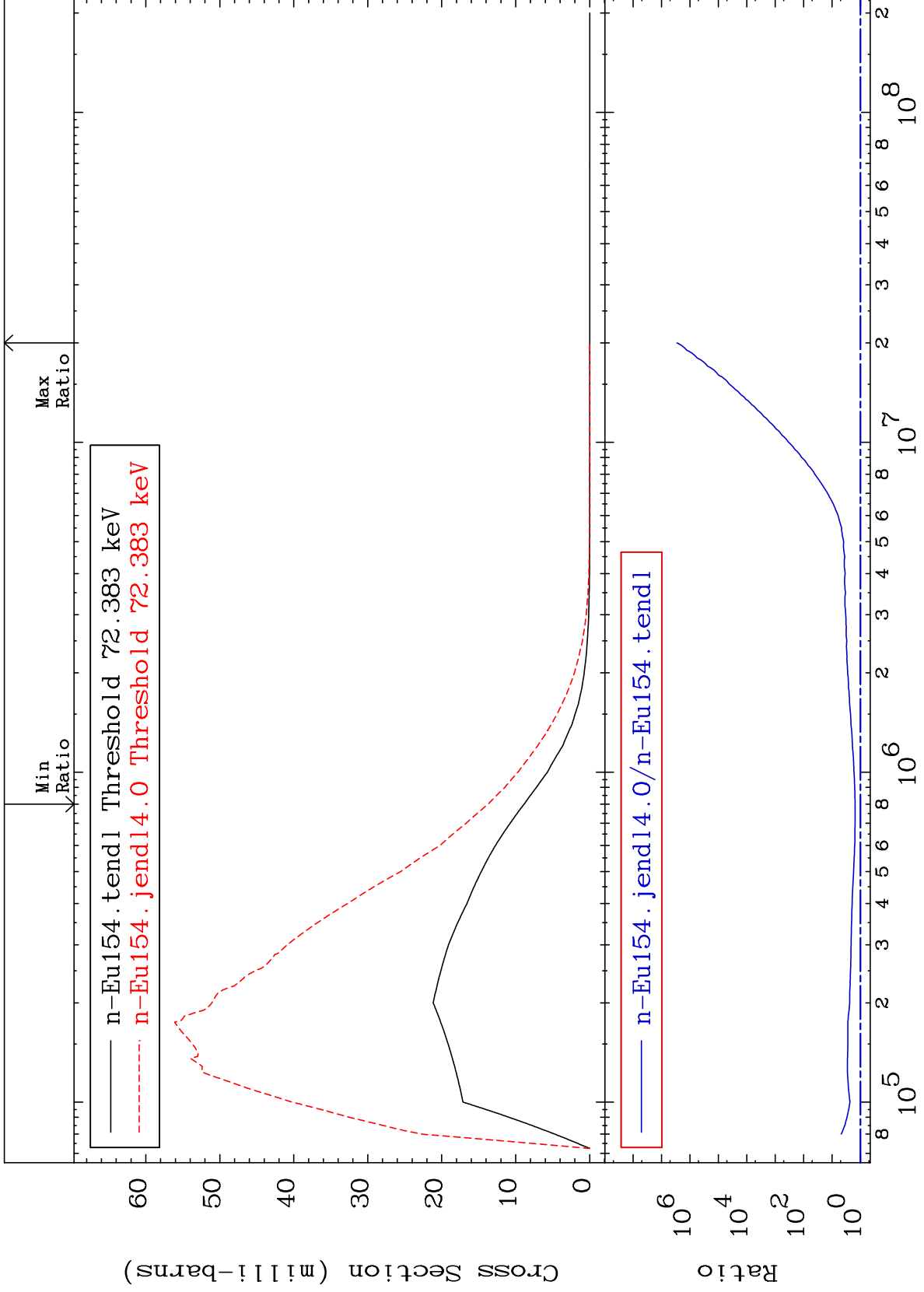
Incident Energy (eV)

63-Eu-154

MAT 6334

MT= 52 (n,n') Level  
Cross Section

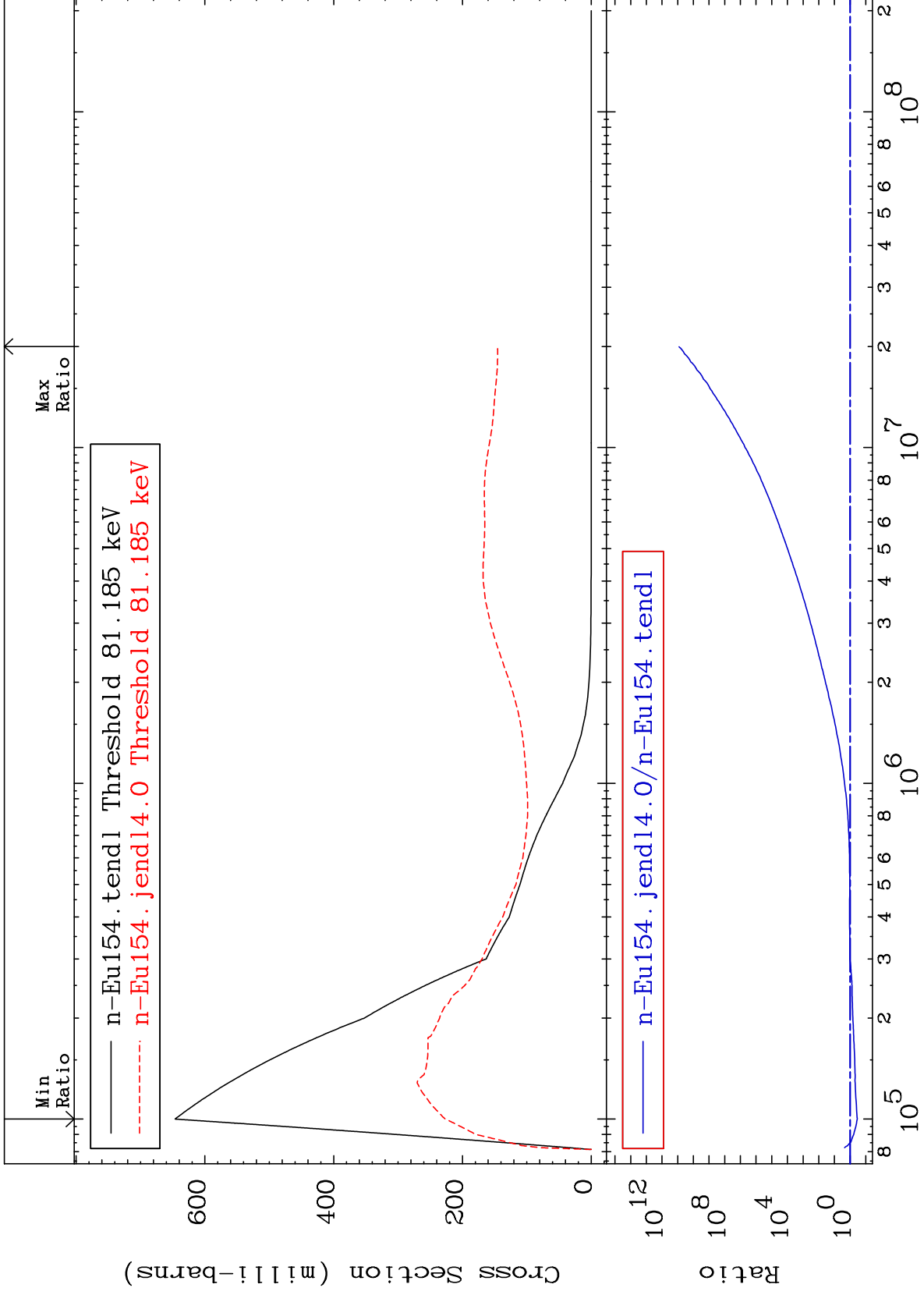
63-Eu-154  
54.76 To 9999. %



MAT 6334

MT= 53 (n,n') Level  
Cross Section

63-Eu-154  
-65.02 To 9999. %



14

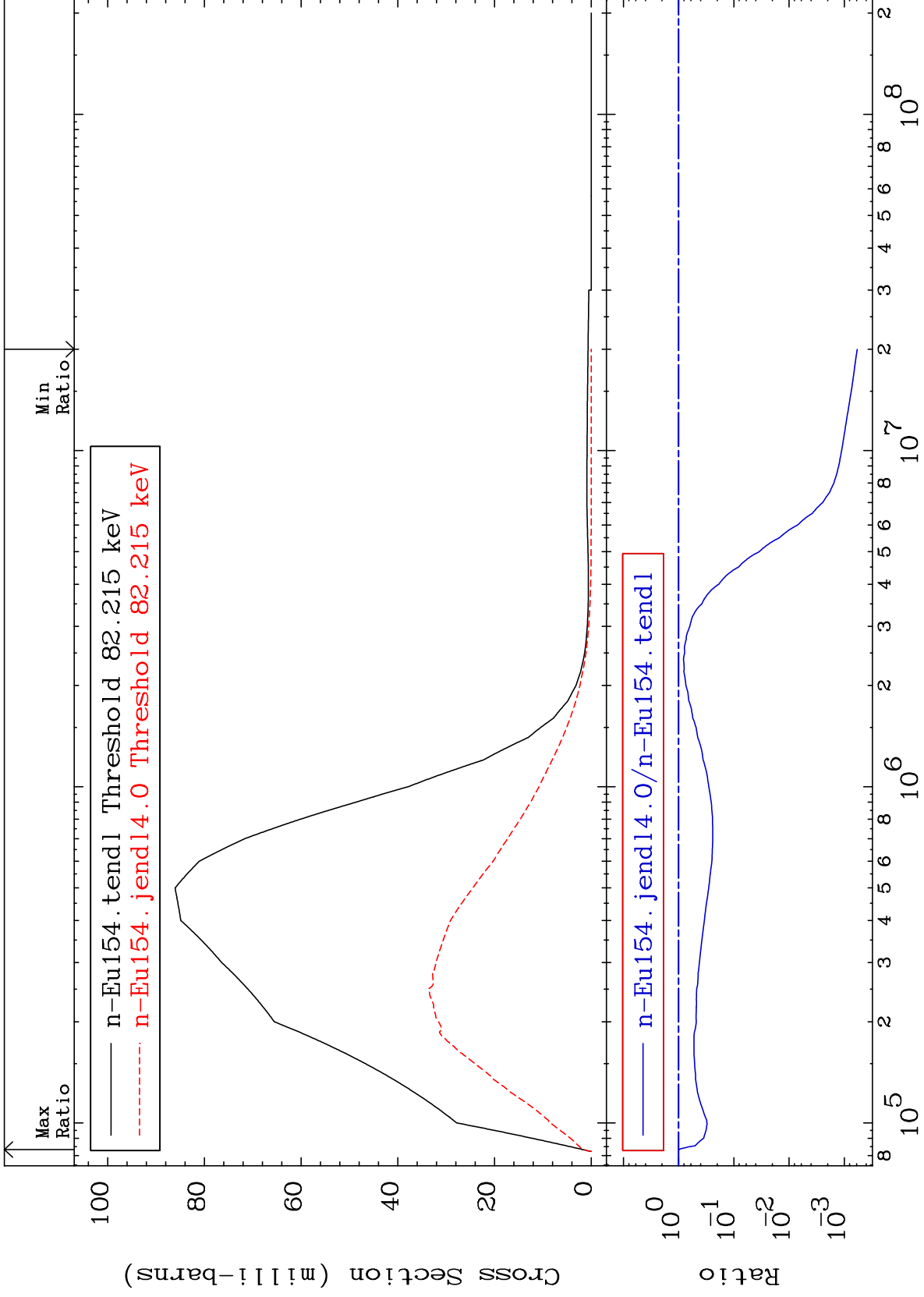
Incident Energy (eV)

63-Eu-154

MAT 6334

MT= 54 (n,n') Level  
Cross Section

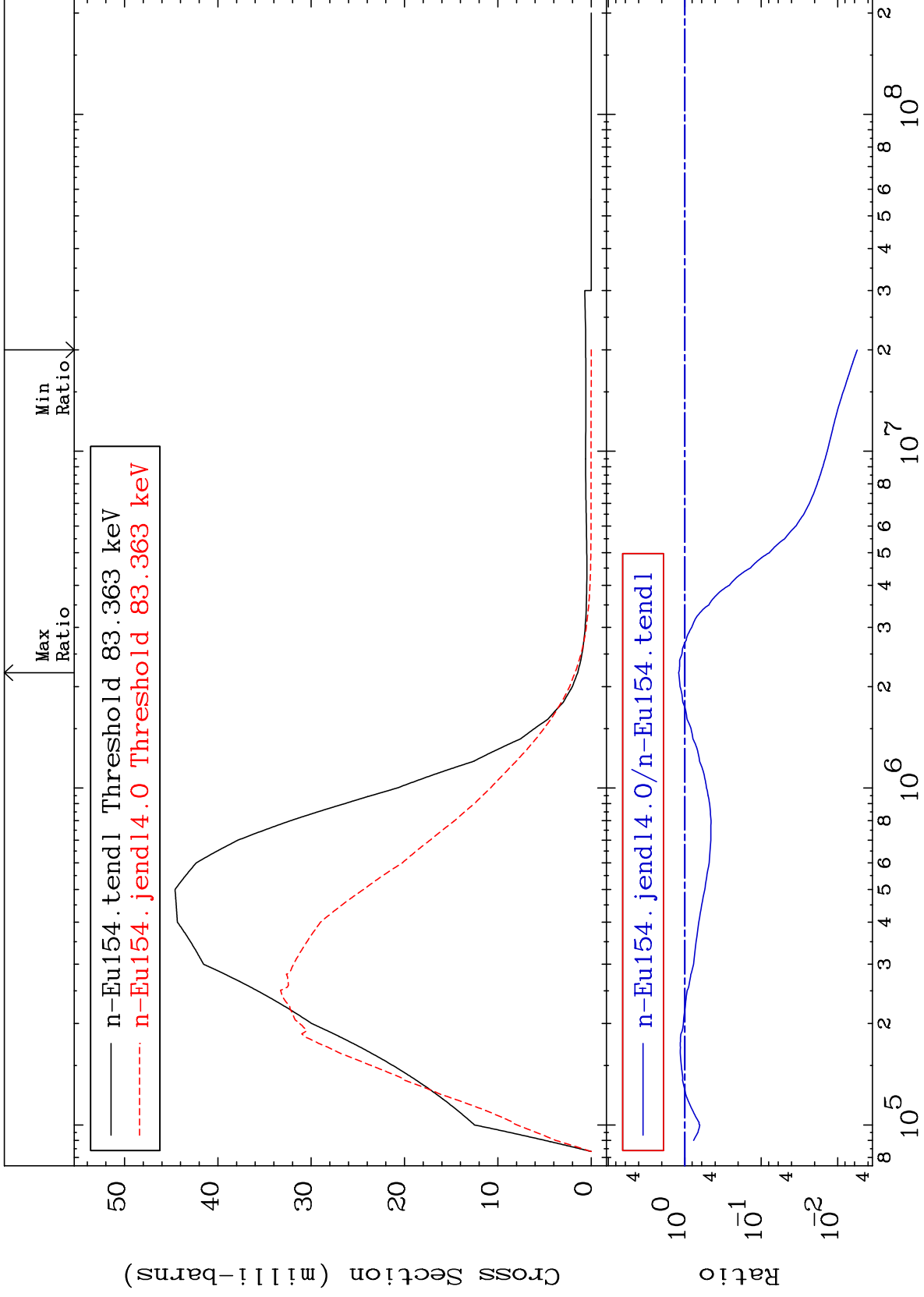
63-Eu-154  
-99.94 To 0.117 %



MAT 6334

MT= 55 (n,n') Level  
Cross Section

63-Eu-154  
-99.45 To 20.26 %



16

Incident Energy (eV)

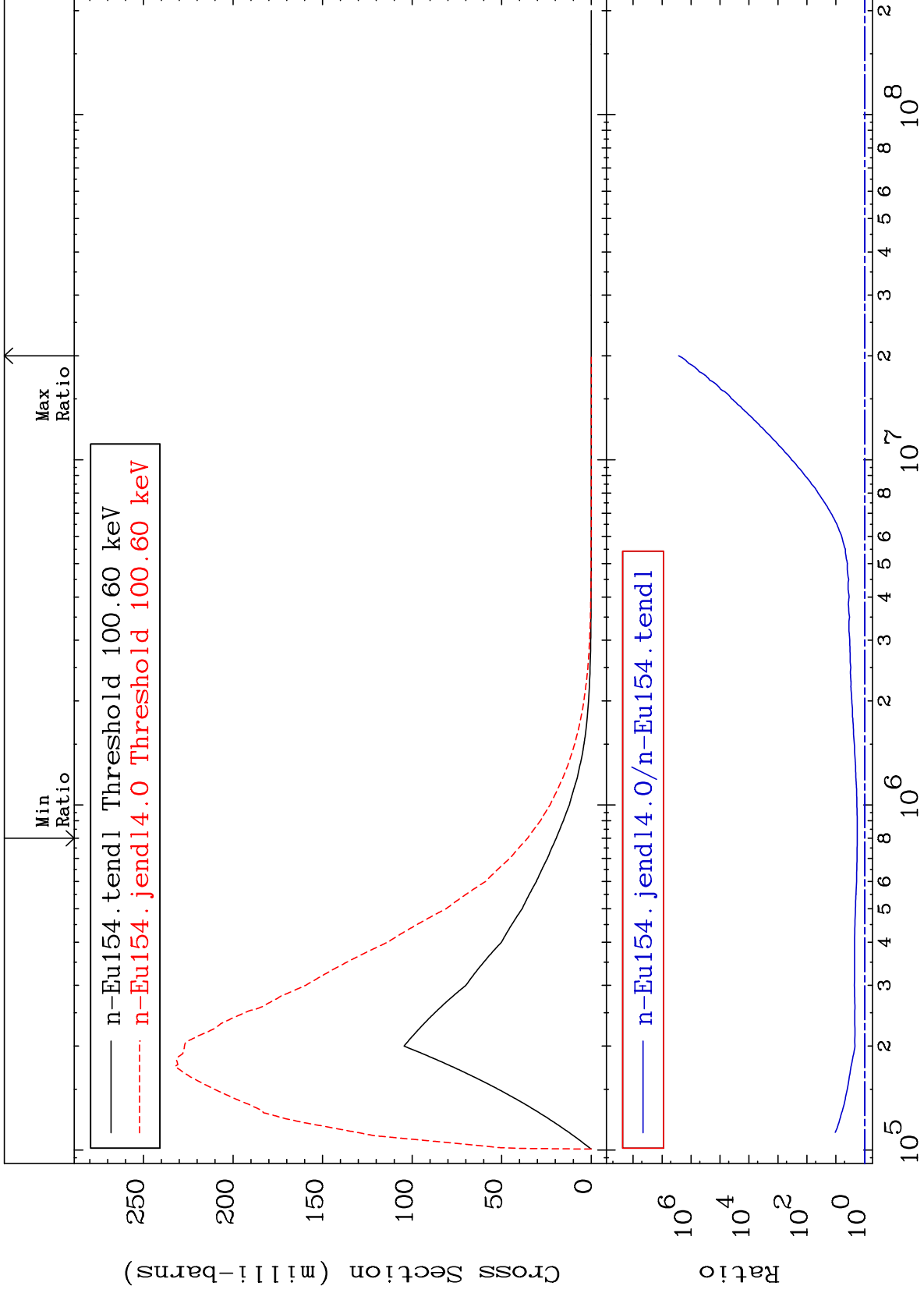
63-Eu-154



MAT 6334

MT= 56 (n,n') Level  
Cross Section

63-Eu-154  
82.04 To 9999. %



17

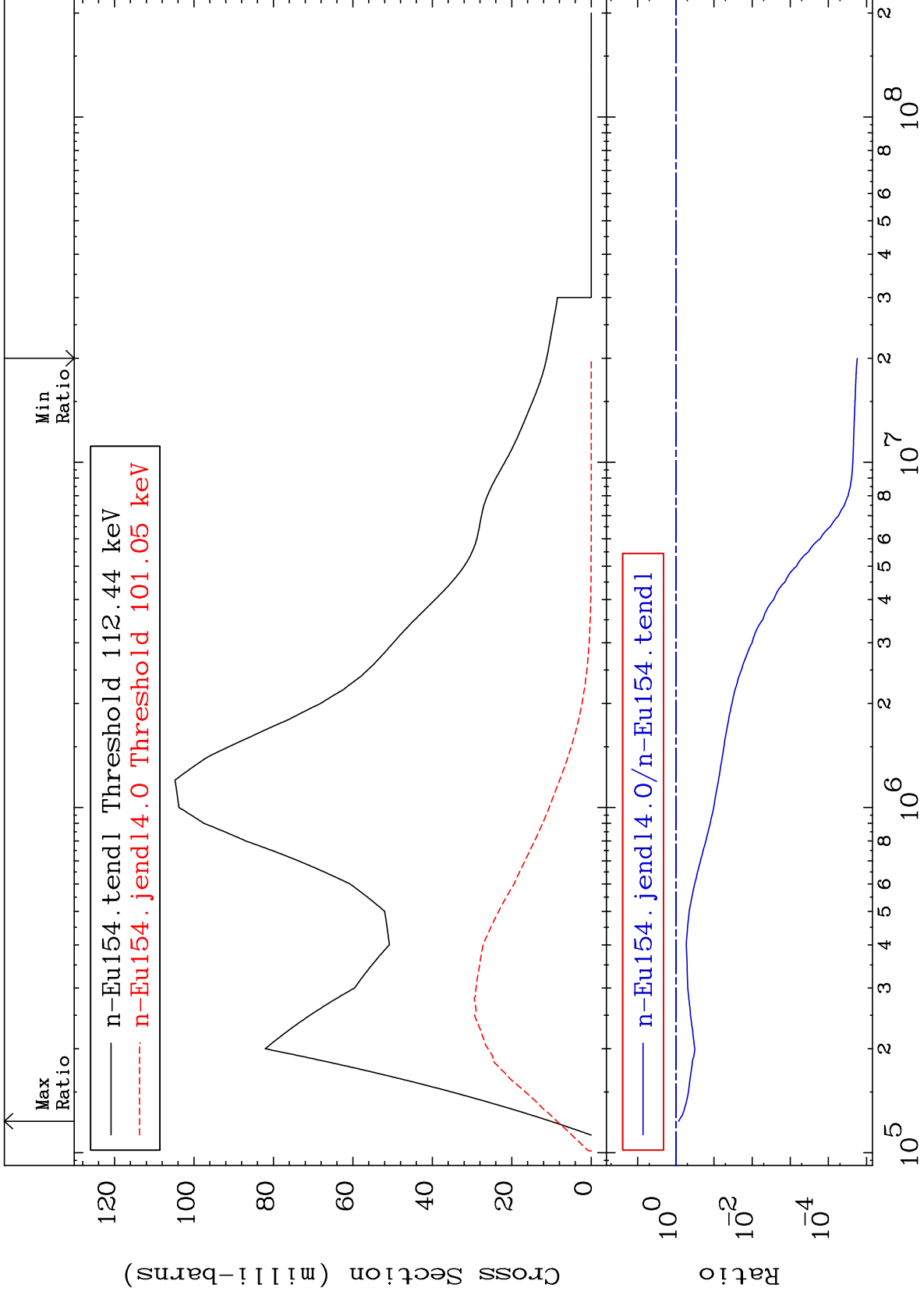
Incident Energy (eV)

63-Eu-154

MAT 6334

MT= 57 (n,n') Level  
Cross Section

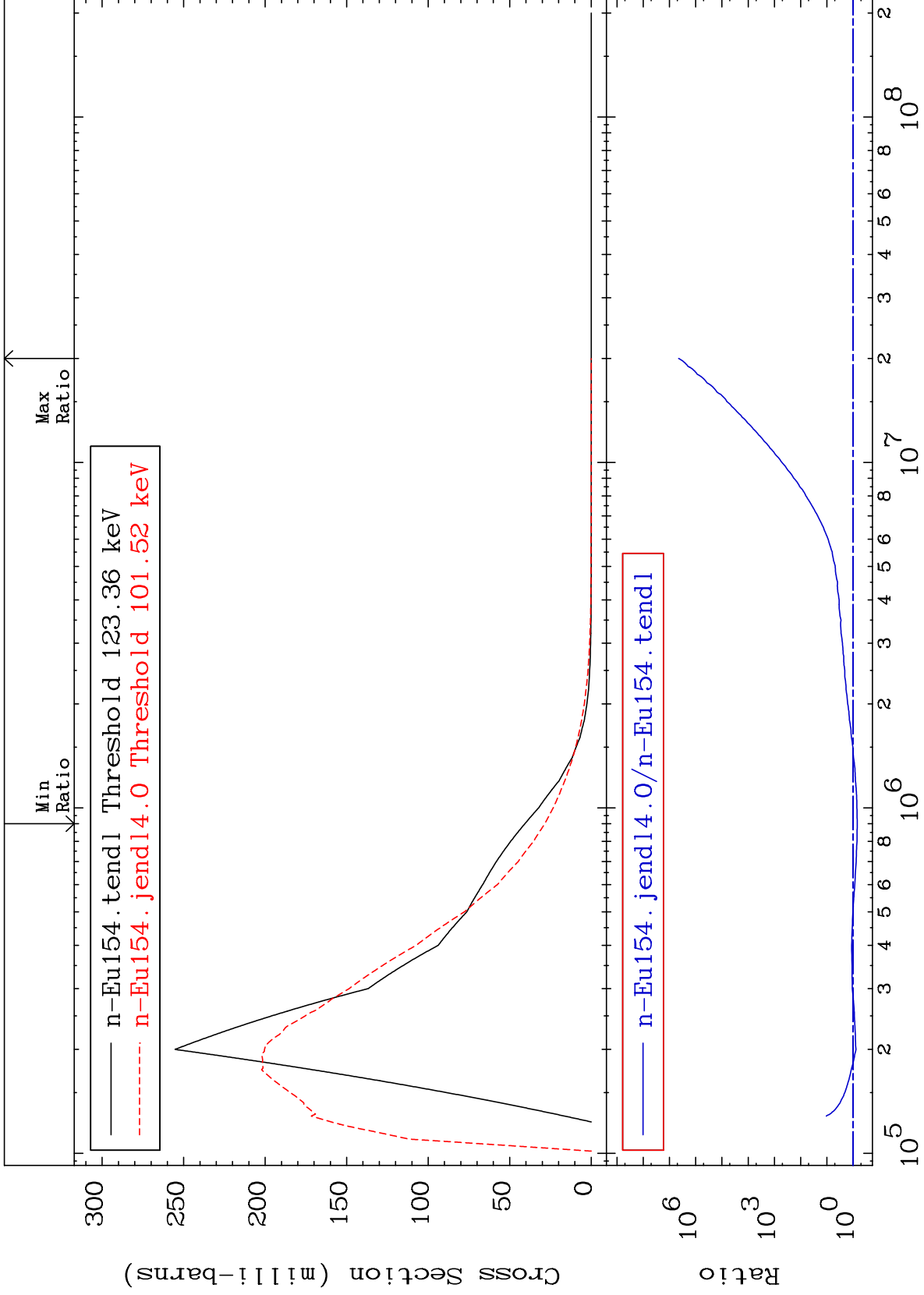
63-Eu-154  
-100.0 To -15.51%



MAT 6334

MT= 58 (n,n') Level  
Cross Section

63-Eu-154  
-30.10 To 9999. %



19

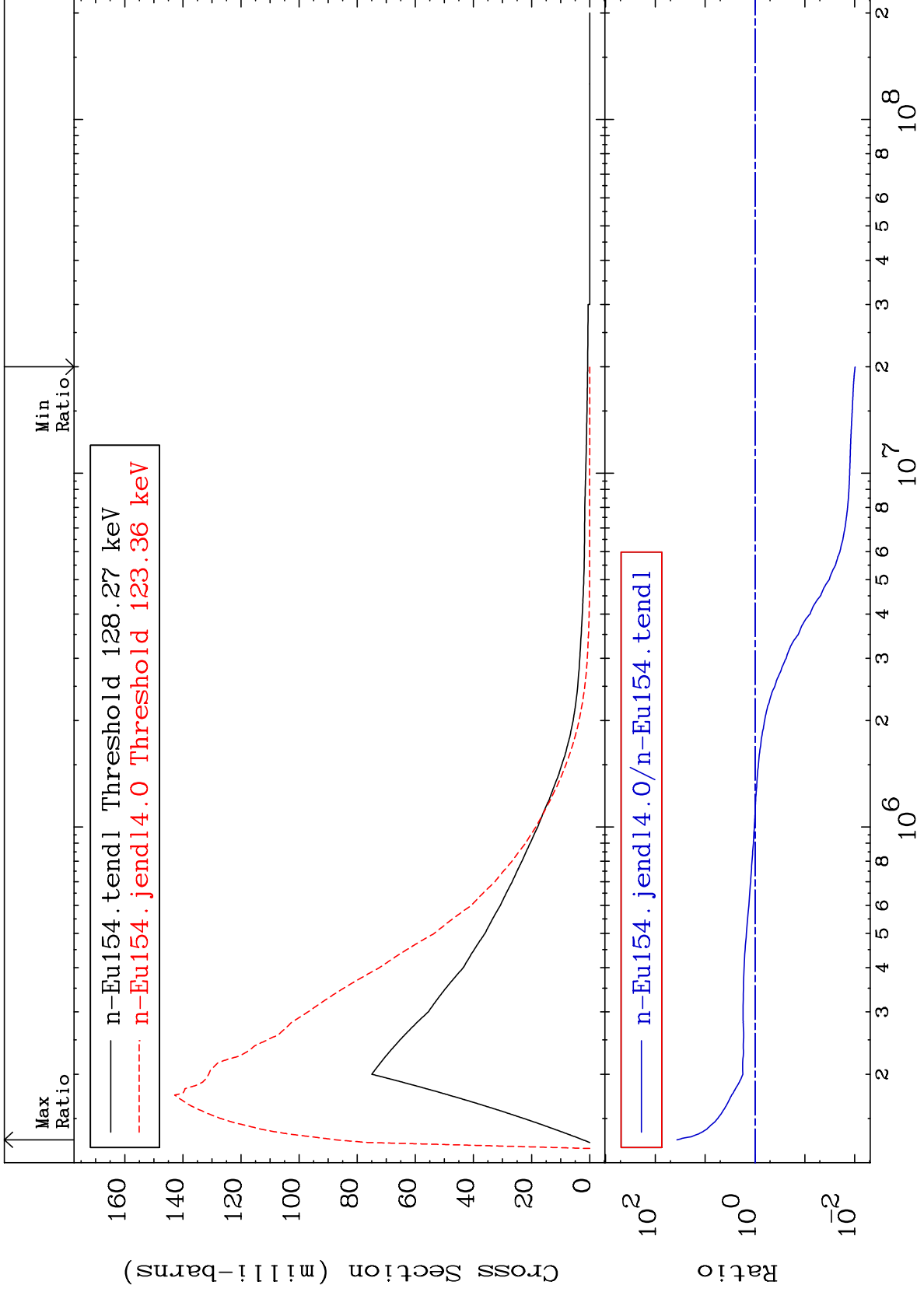
Incident Energy (eV)

63-Eu-154

MAT 6334

MT= 59 (n,n') Level  
Cross Section

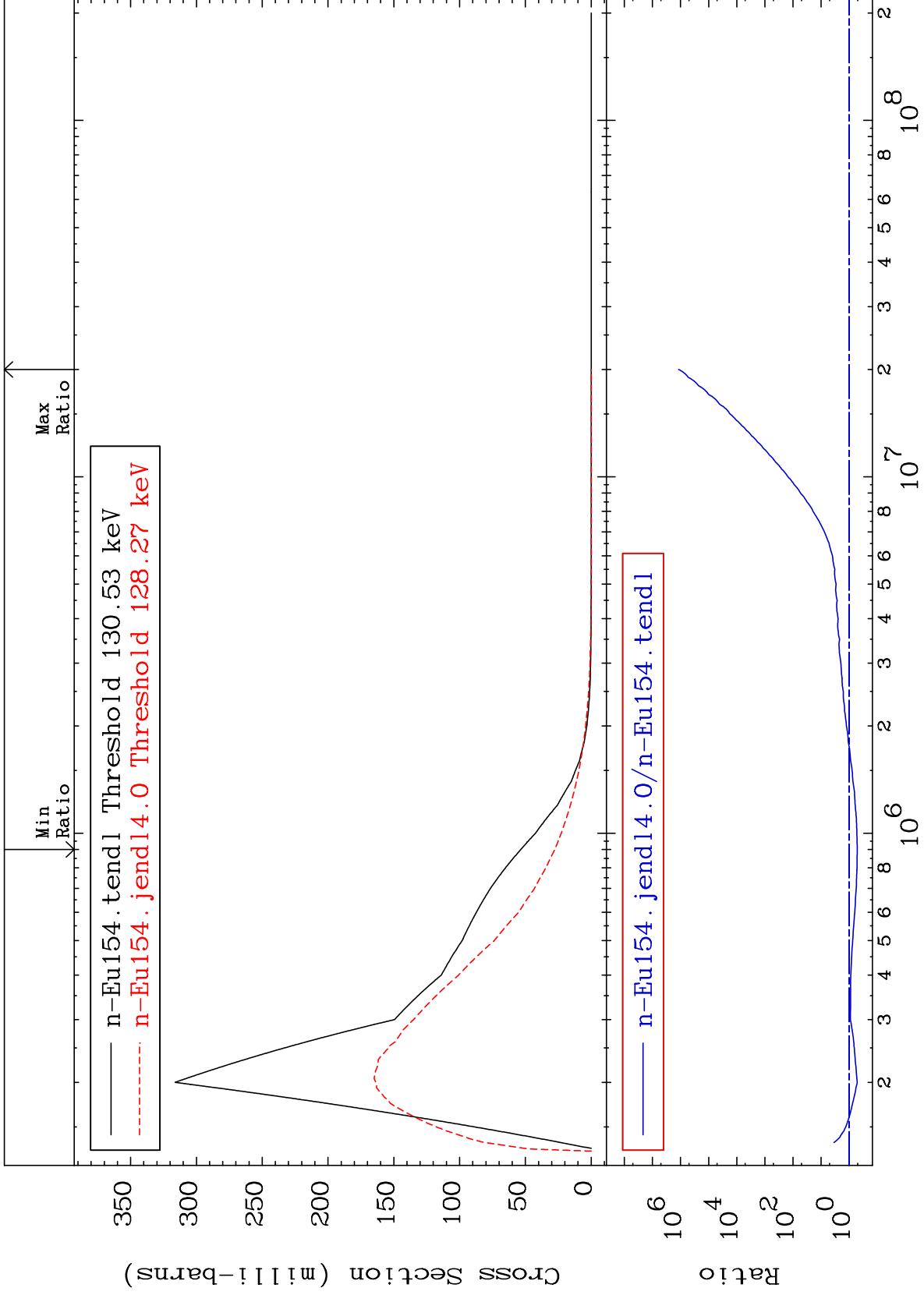
63-Eu-154  
-99.02 To 3590. %



MAT 6334

MT= 60 (n,n') Level  
Cross Section

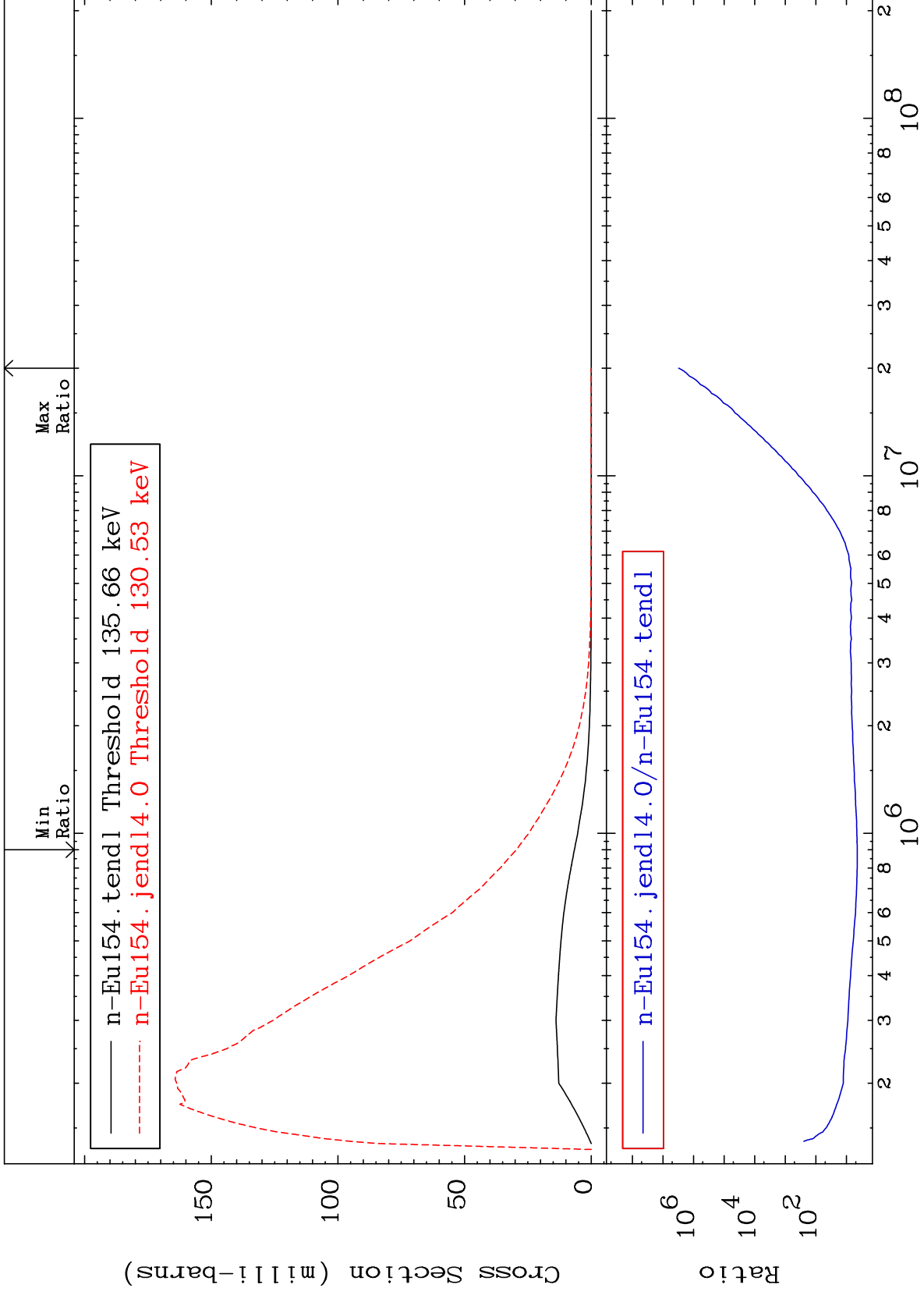
63-Eu-154  
-48.27 To 9999. %



MAT 6334

MT= 61 (n,n') Level  
Cross Section

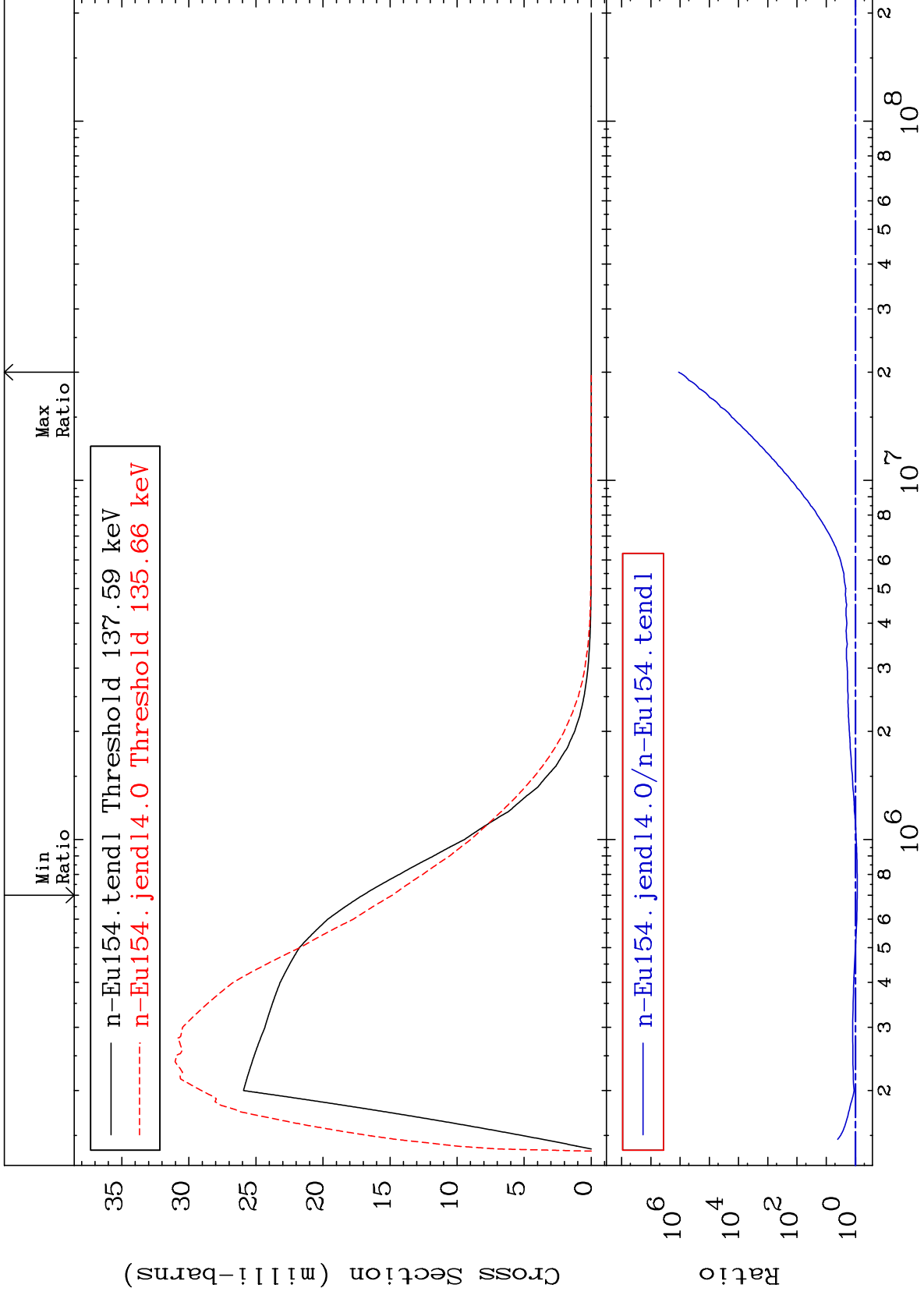
63-Eu-154  
346.1 To 9999. %



MAT 6334

MT= 62 (n,n') Level  
Cross Section

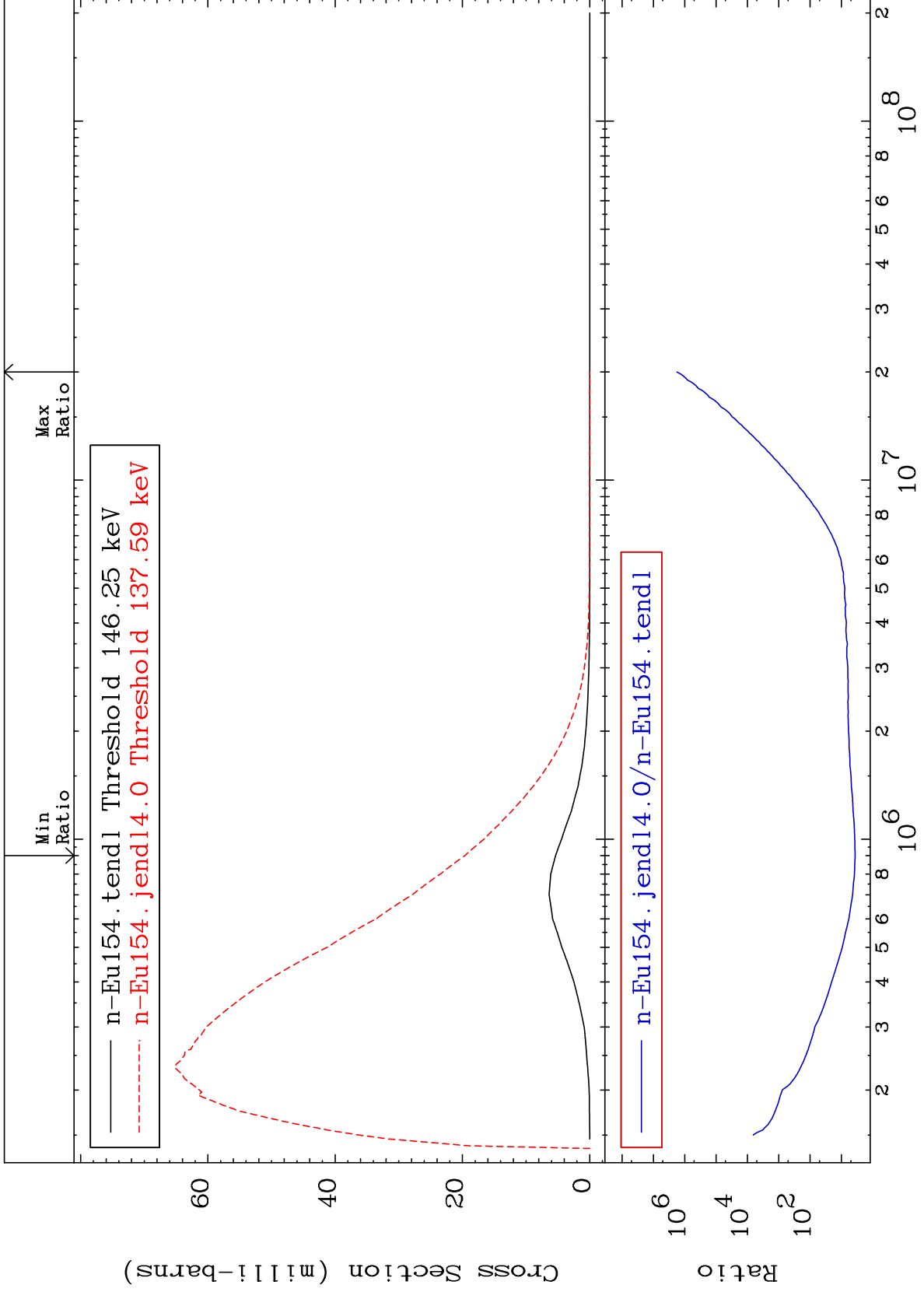
63-Eu-154  
-12.95 To 9999. %



MAT 6334

MT= 63 (n,n') Level  
Cross Section

63-Eu-154  
266.2 To 9999. %

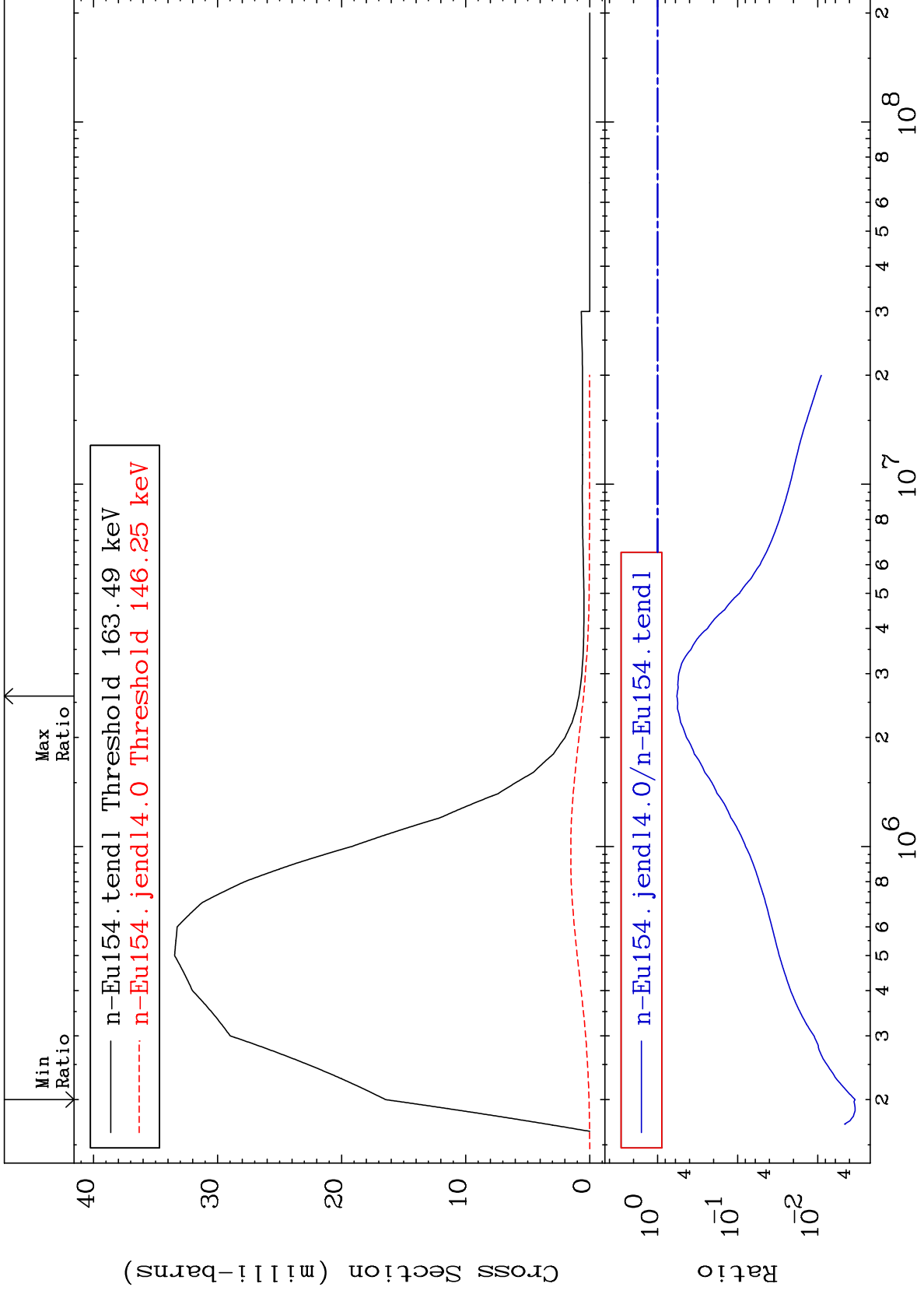




MAT 6334

MT= 64 (n,n') Level  
Cross Section

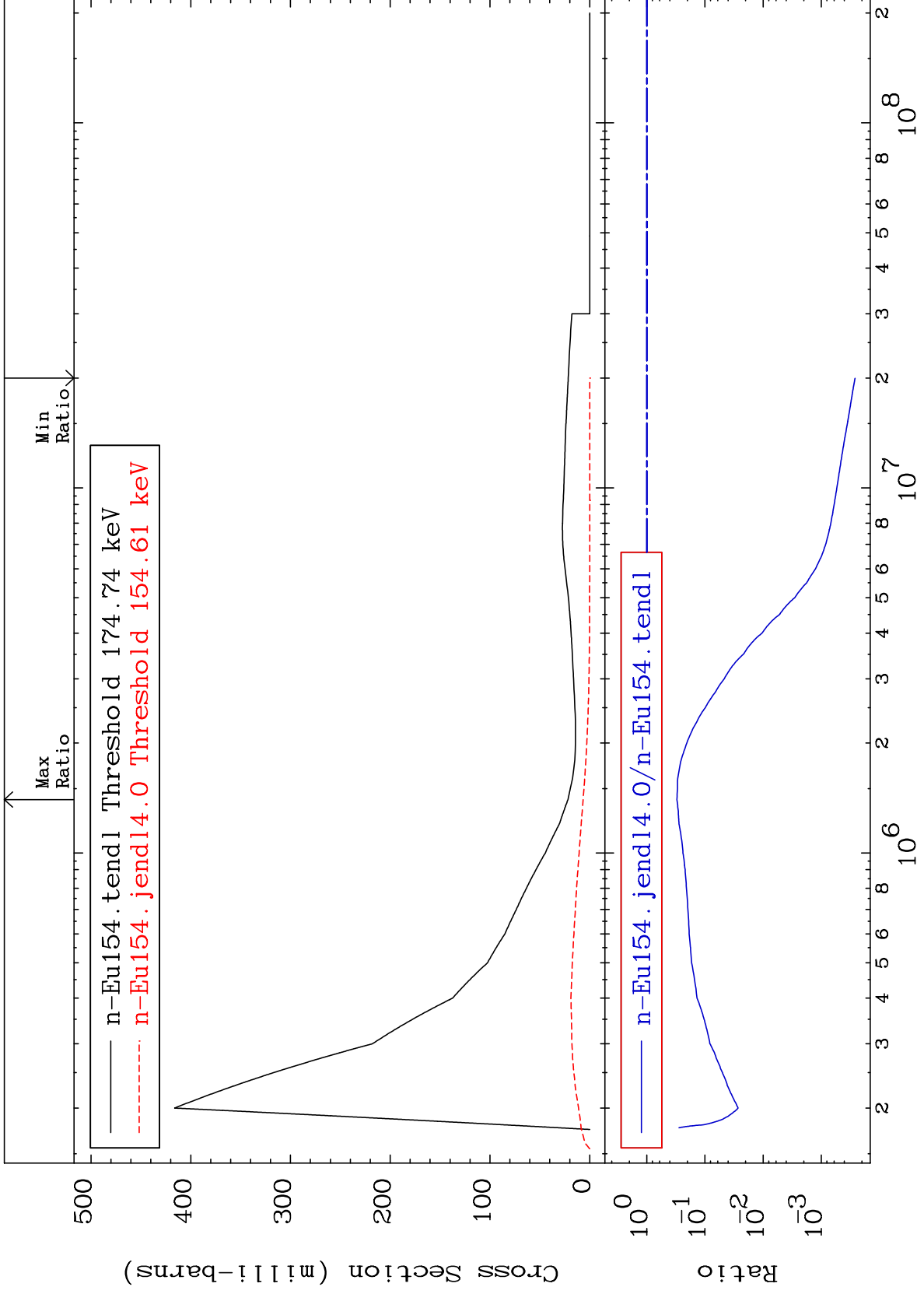
63-Eu-154  
-99.66 To -42.67%



MAT 6334

MT= 65 (n,n') Level  
Cross Section

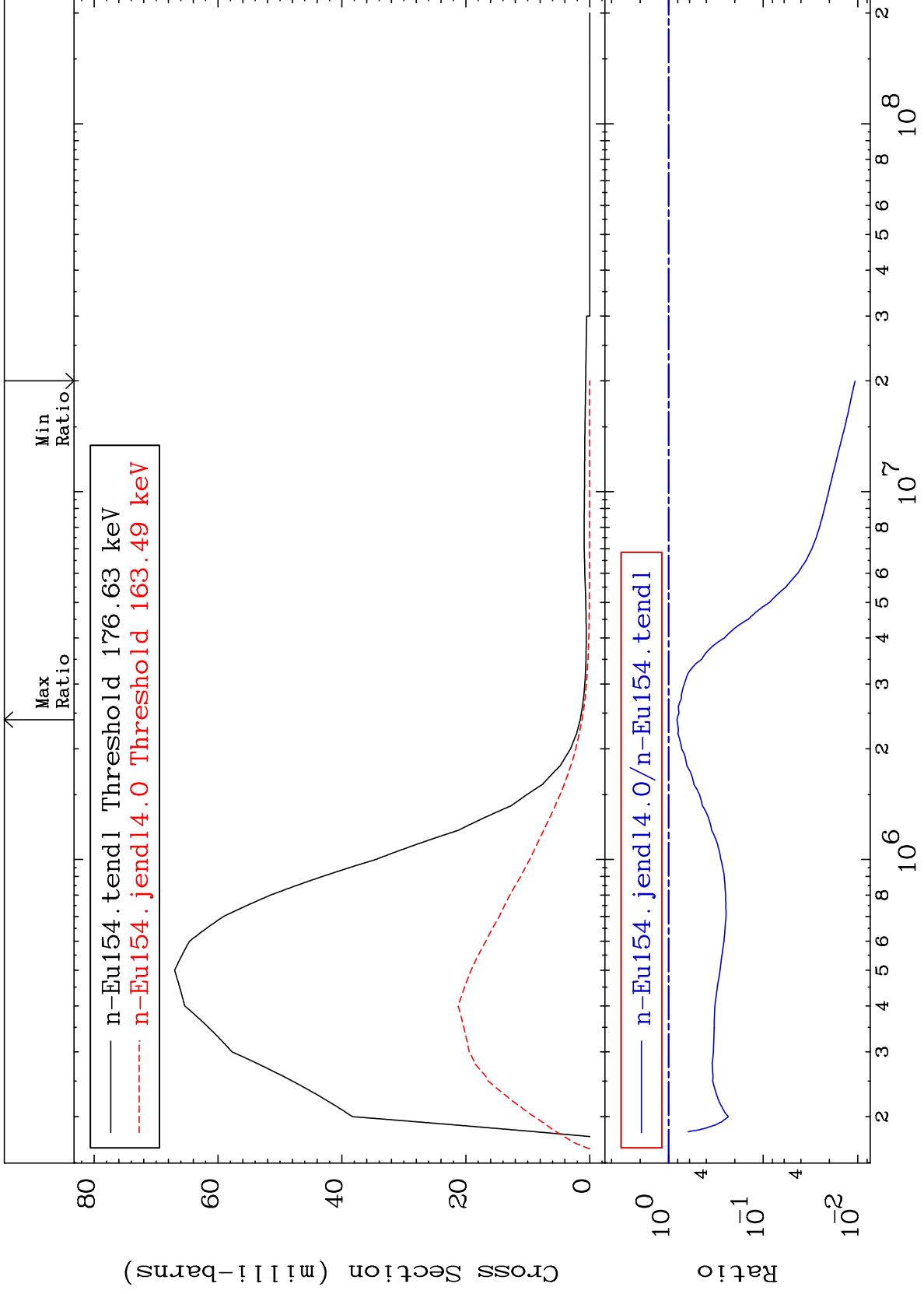
63-Eu-154  
-99.97 To -69.69%



MAT 6334

MT= 66 (n,n') Level  
Cross Section

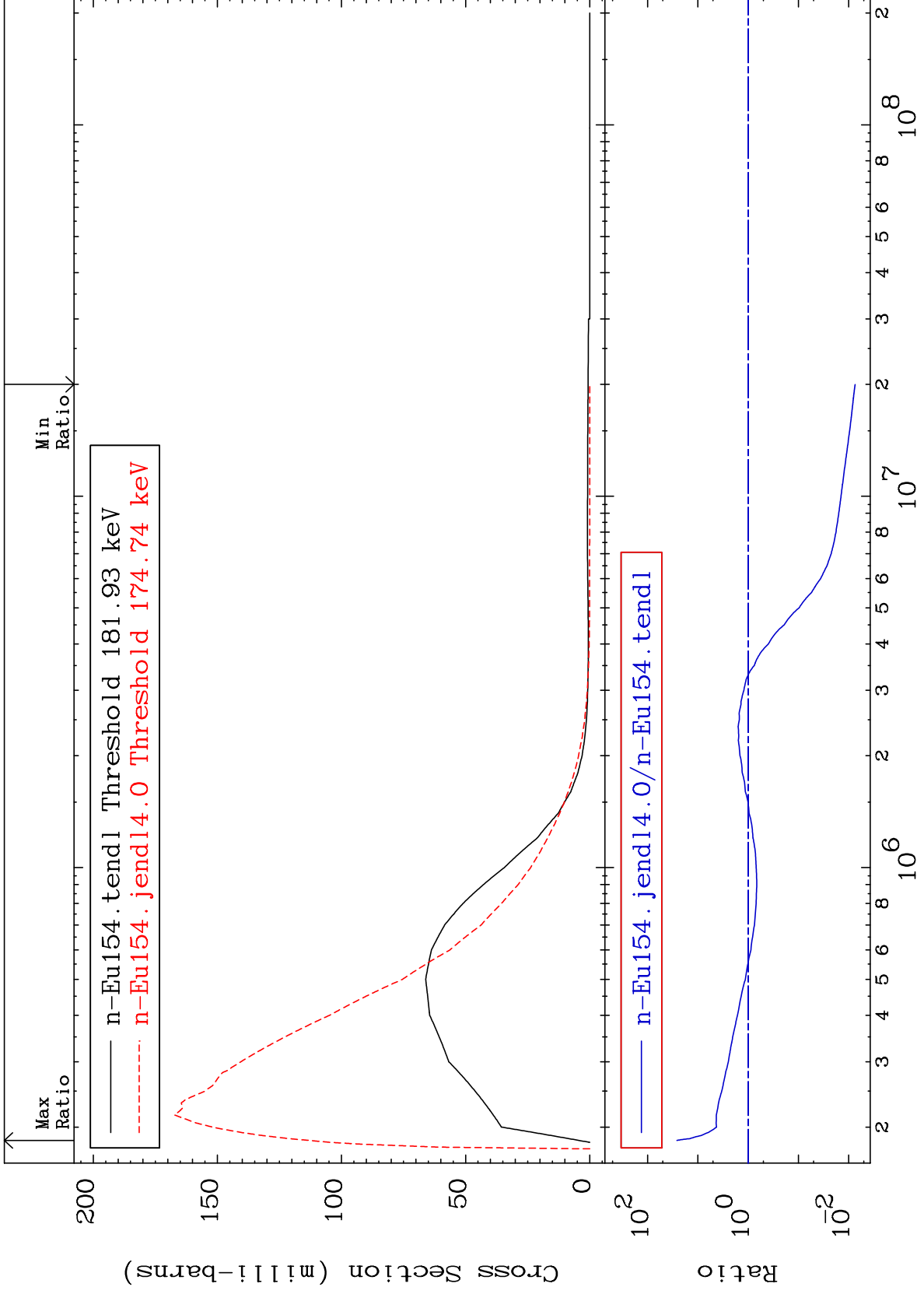
63-Eu-154  
-98.93 To -18.33%



MAT 6334

MT= 67 (n,n') Level  
Cross Section

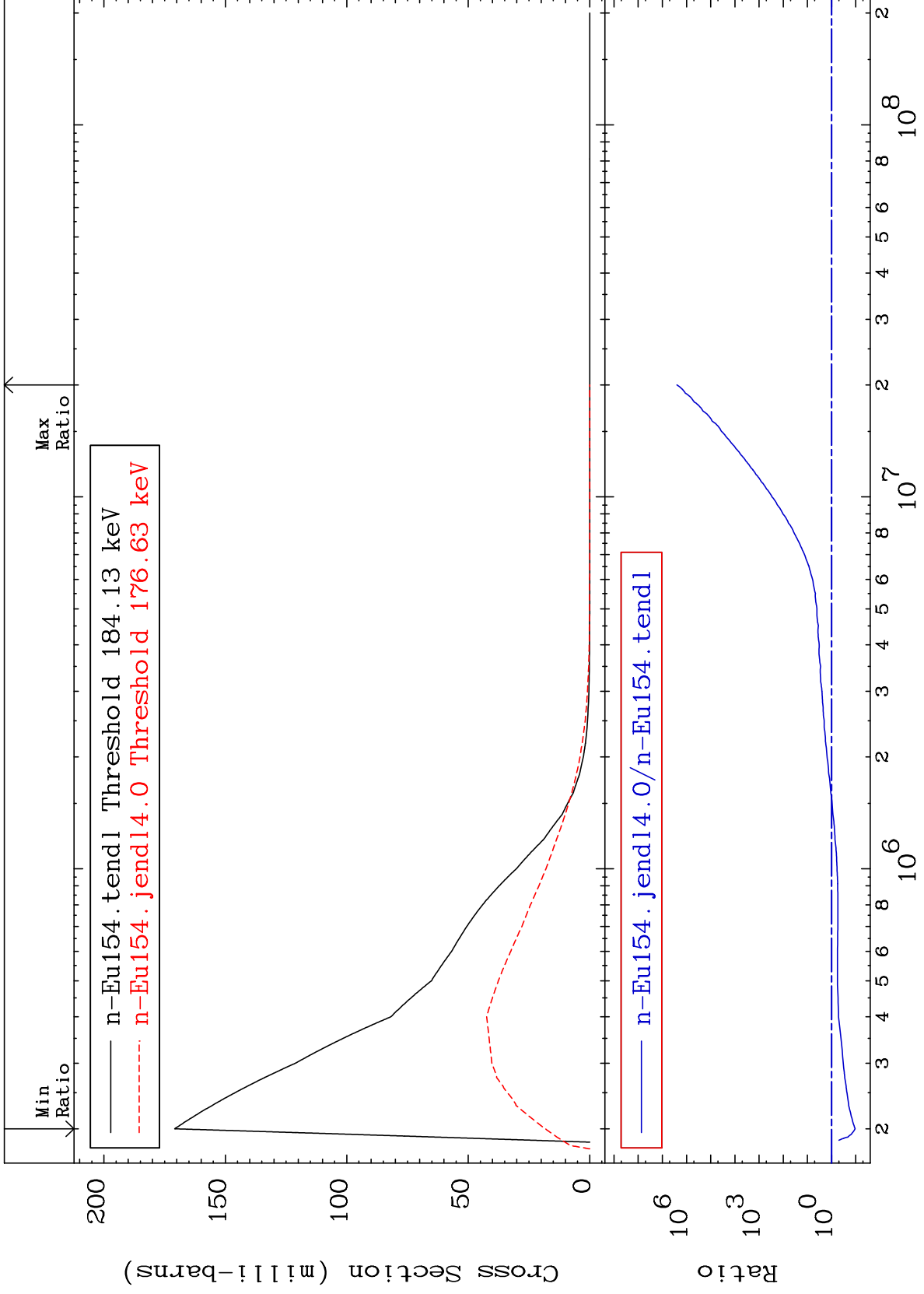
63-Eu-154  
-99.25 To 2513. %



MAT 6334

MT= 68 (n,n') Level  
Cross Section

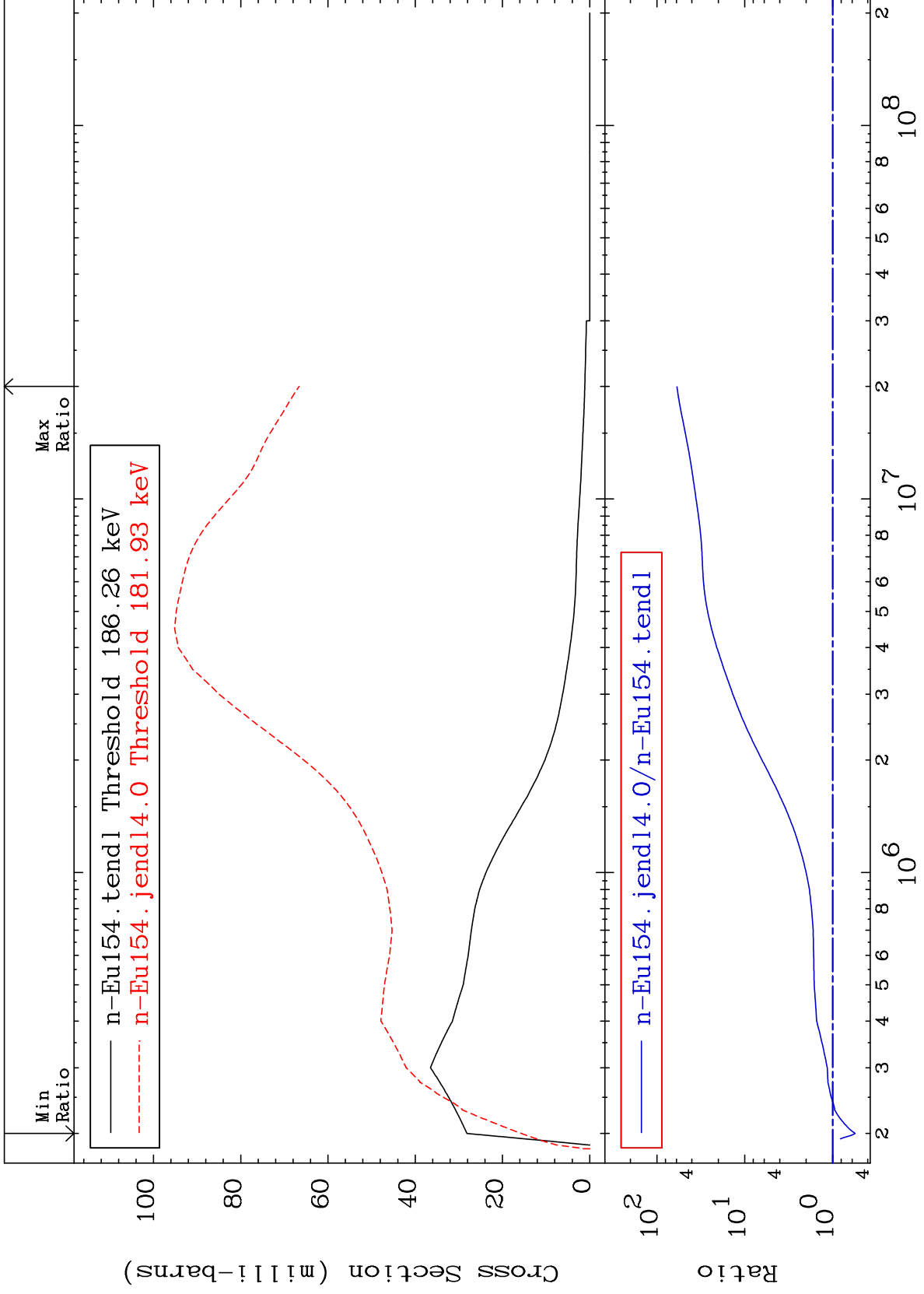
63-Eu-154  
-89.31 To 9999. %



MAT 6334

MT= 69 (n,n') Level  
Cross Section

63-Eu-154  
-44.43 To 5818. %



30

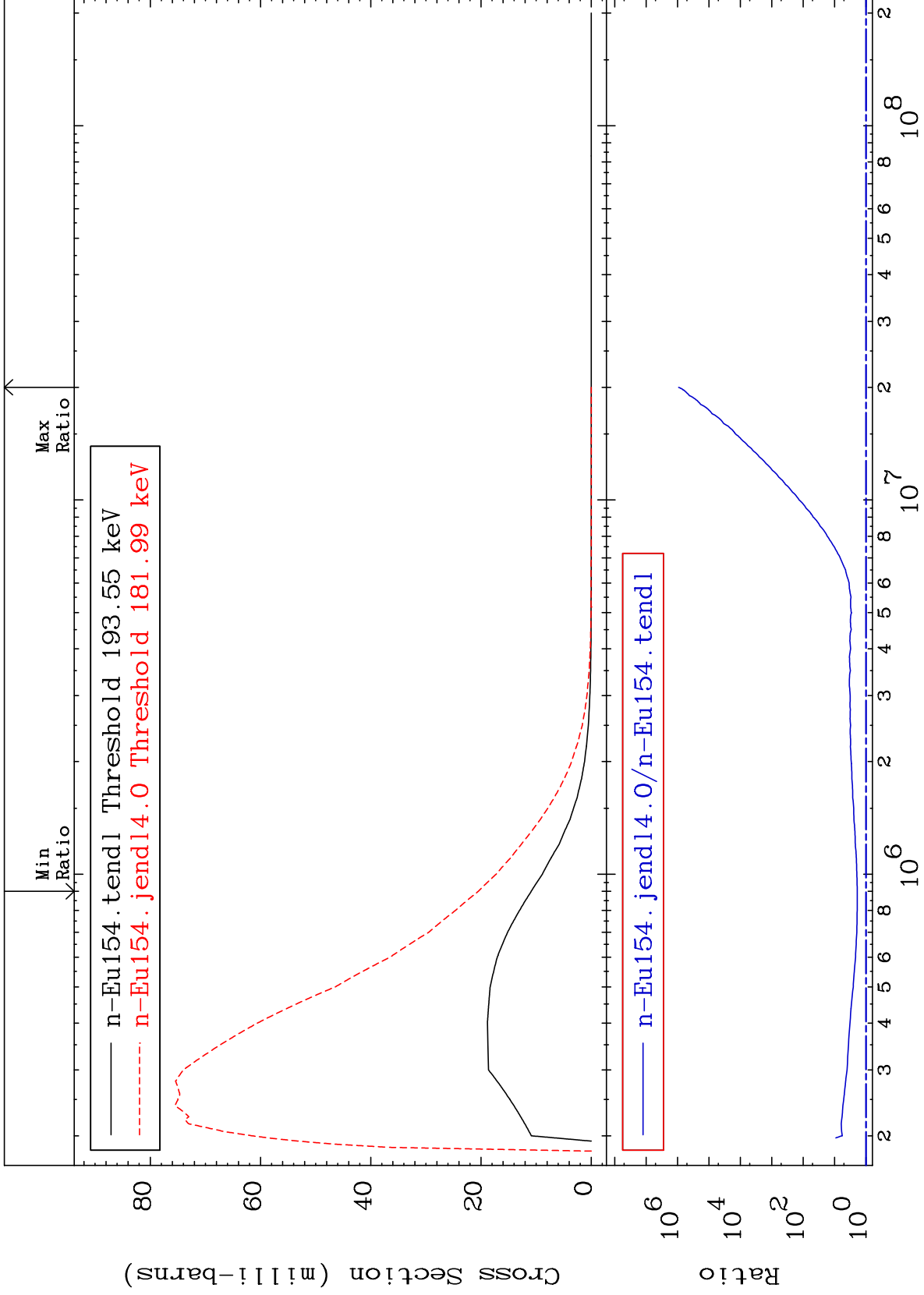
Incident Energy (eV)

63-Eu-154

MAT 6334

MT= 70 (n,n') Level  
Cross Section

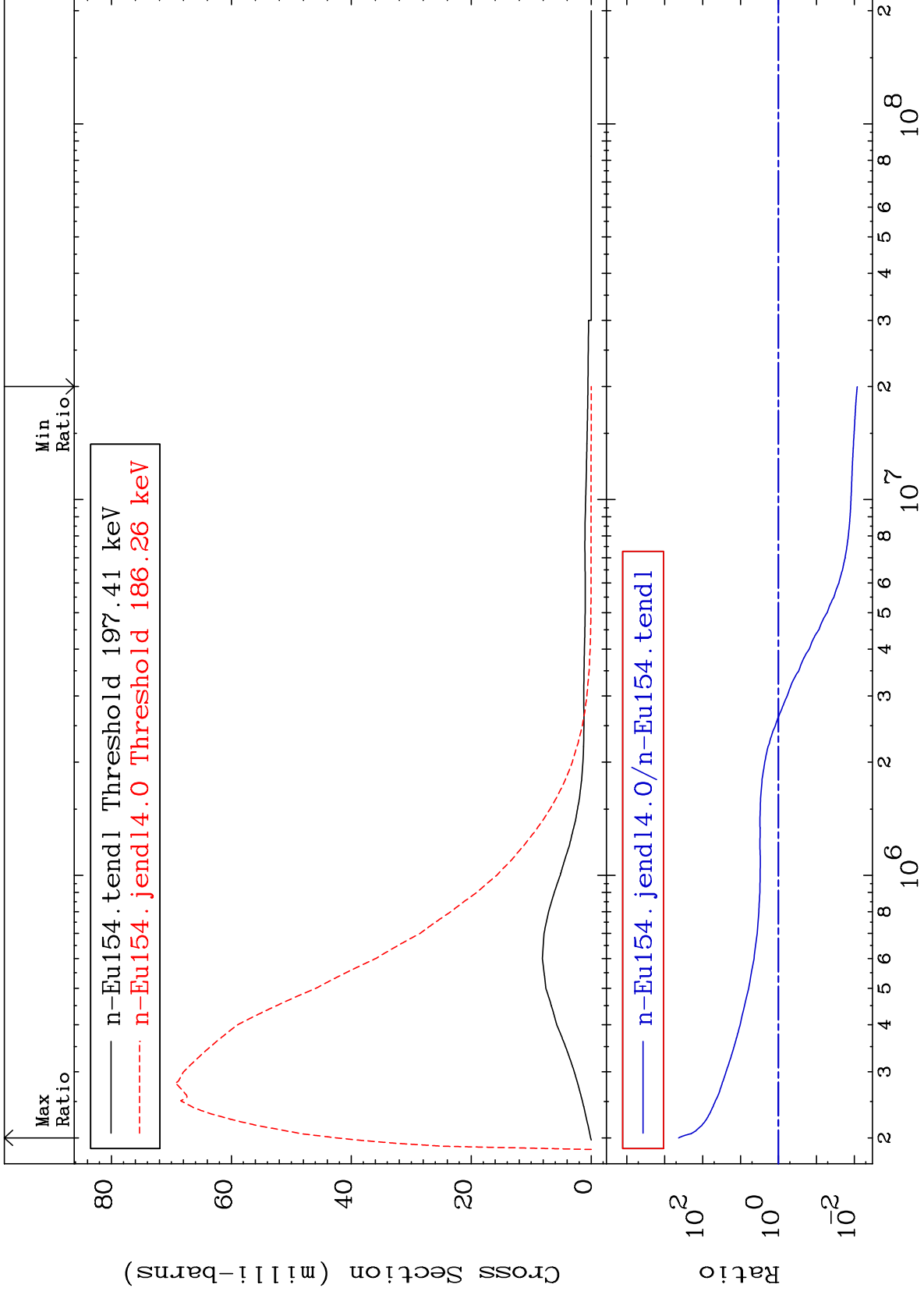
63-Eu-154  
88.32 To 9999. %



MAT 6334

MT= 71 (n,n') Level  
Cross Section

63-Eu-154  
-99.16 To 9999. %

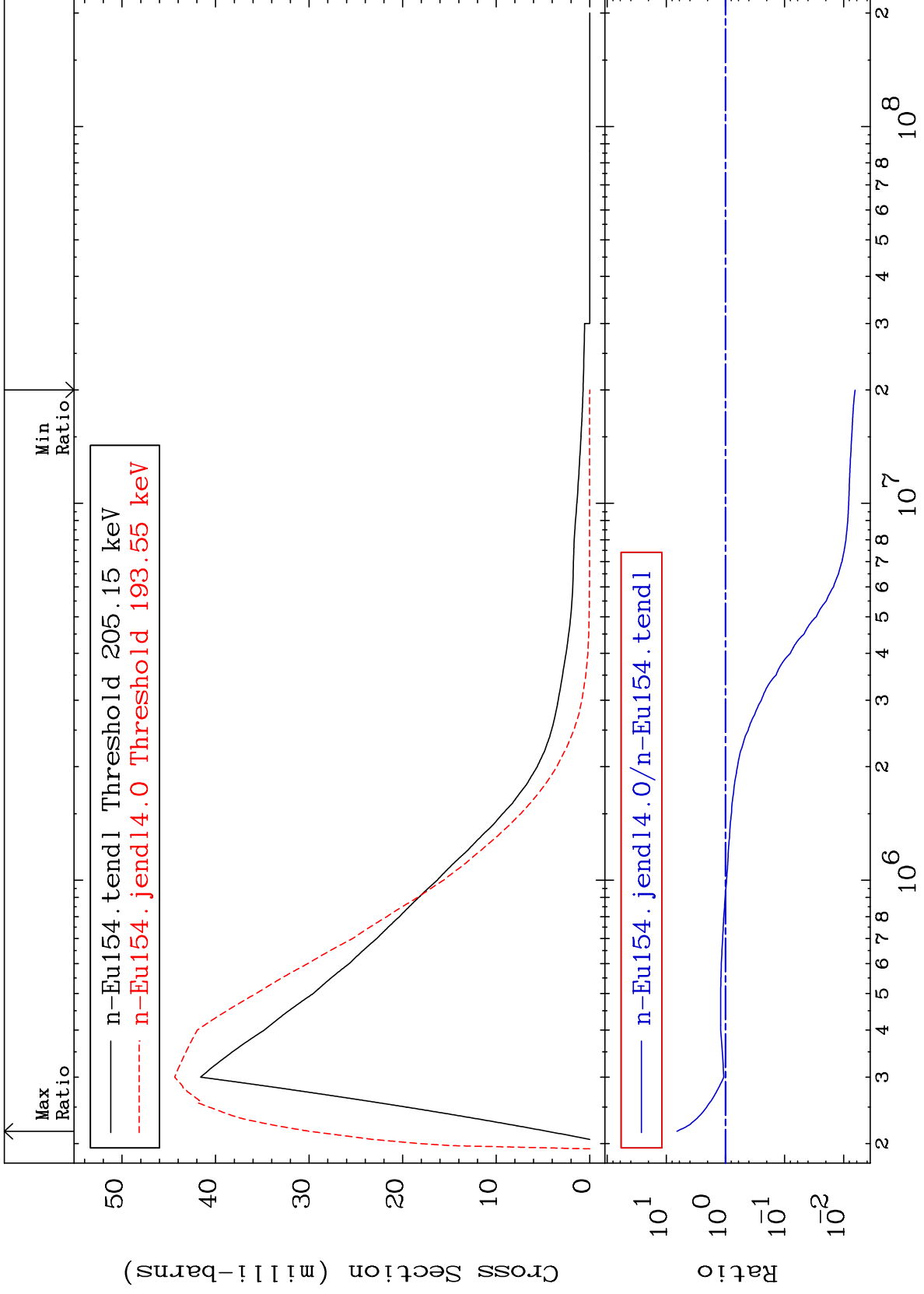




MAT 6334

MT= 72 (n,n') Level  
Cross Section

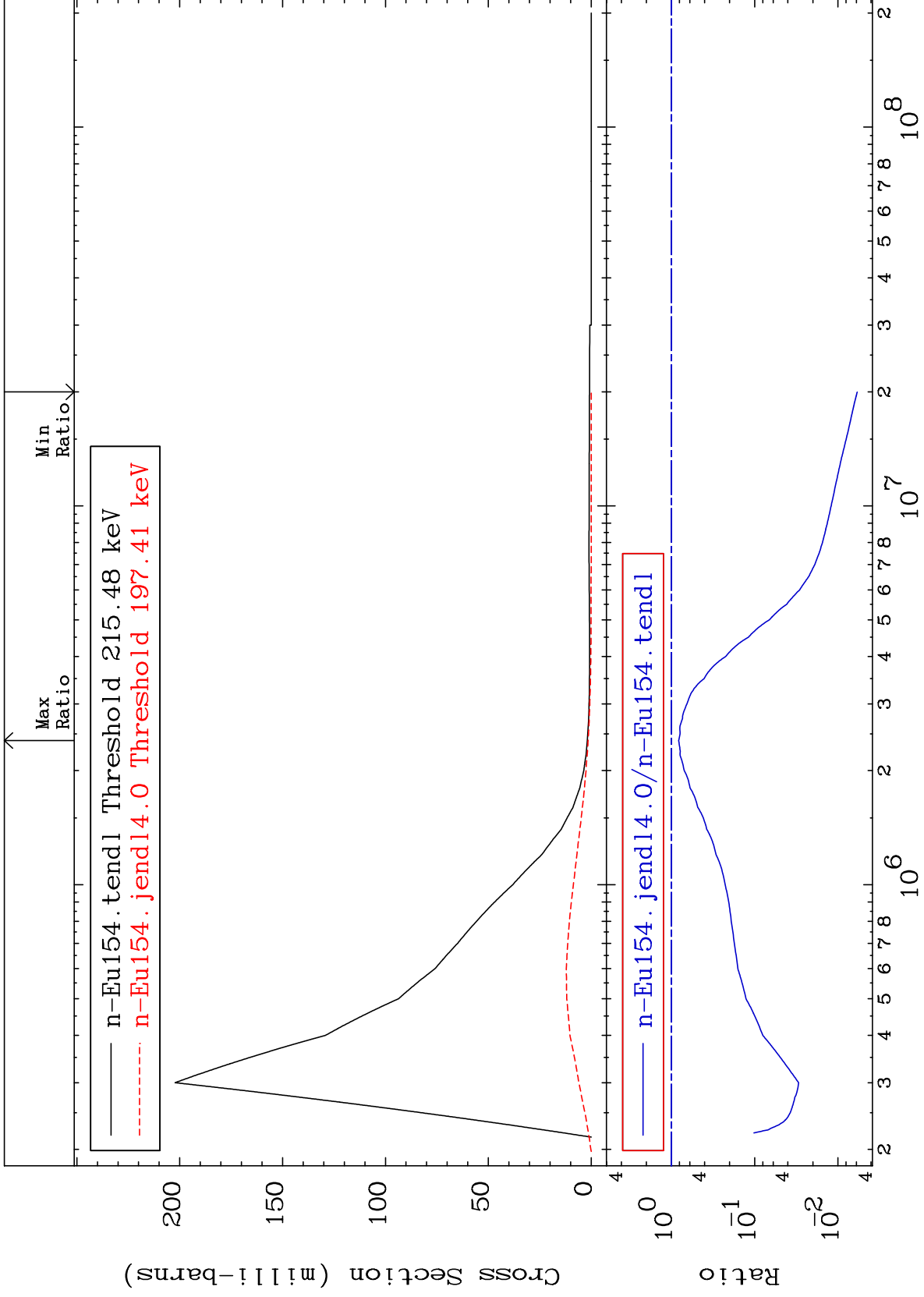
63-Eu-154  
-99.36 To 562.0 %



MAT 6334

MT= 73 (n,n') Level  
Cross Section

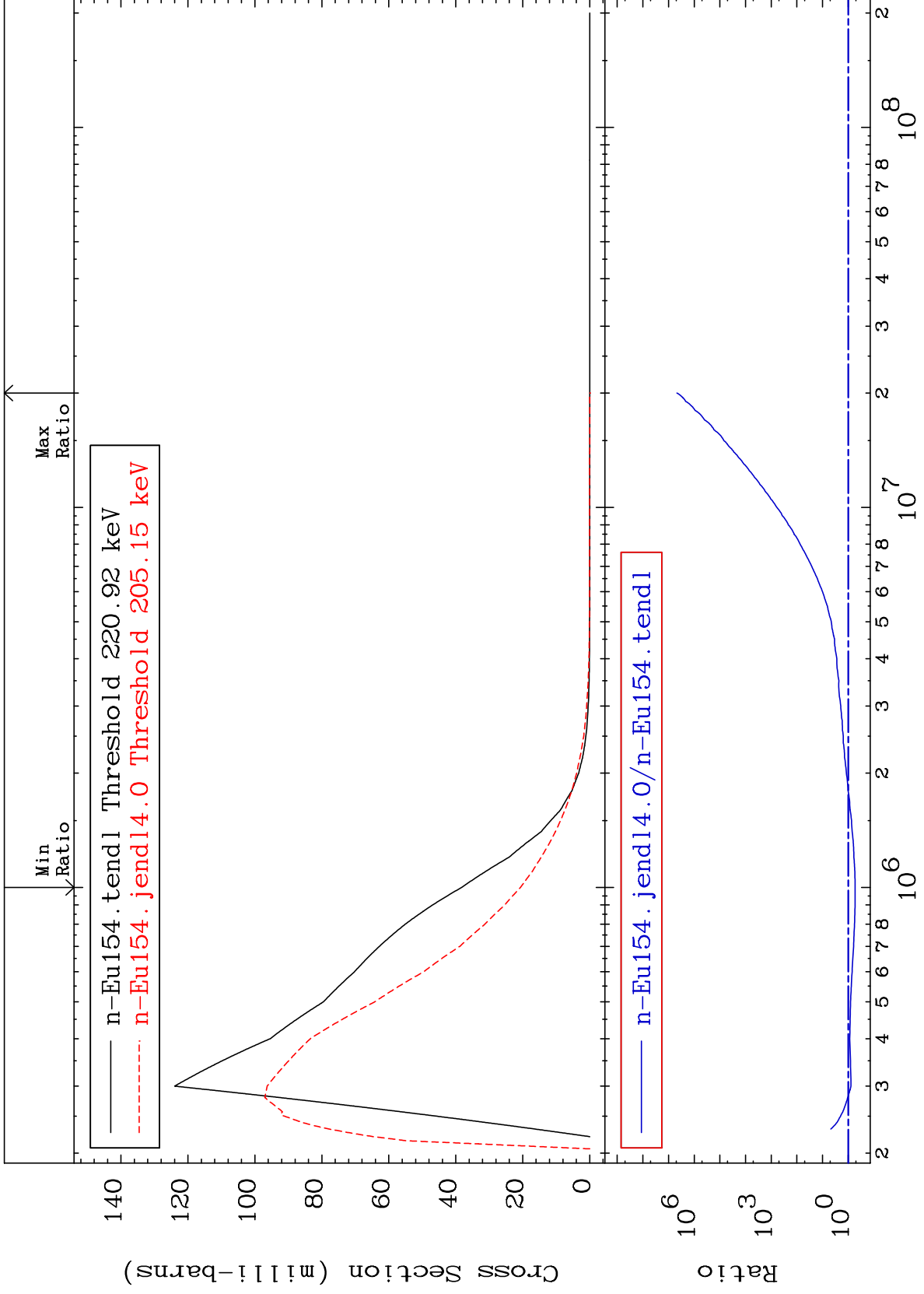
63-Eu-154  
-99.41 To -18.11%



MAT 6334

MT= 74 (n,n') Level  
Cross Section

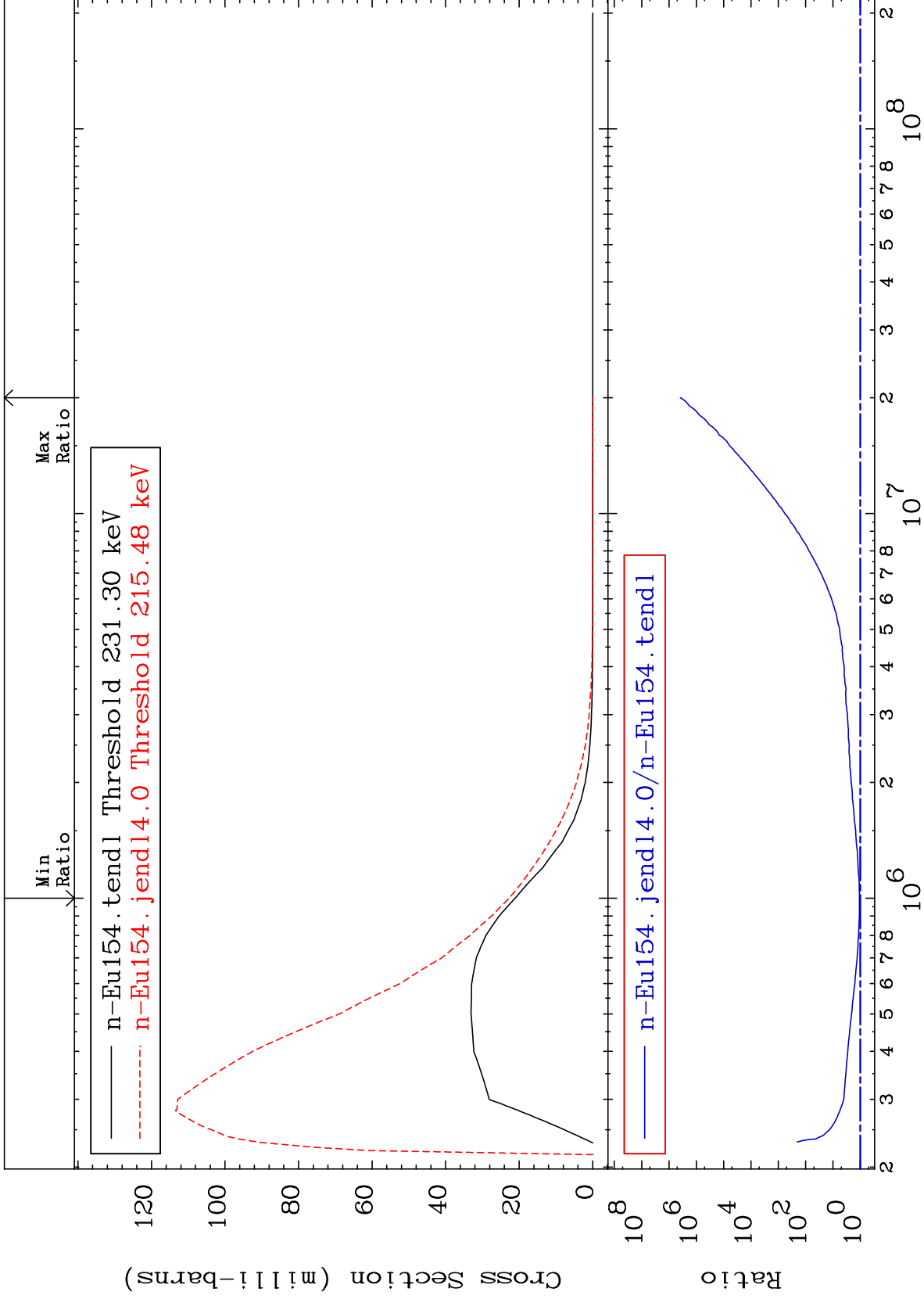
63-Eu-154  
-45.98 To 9999. %

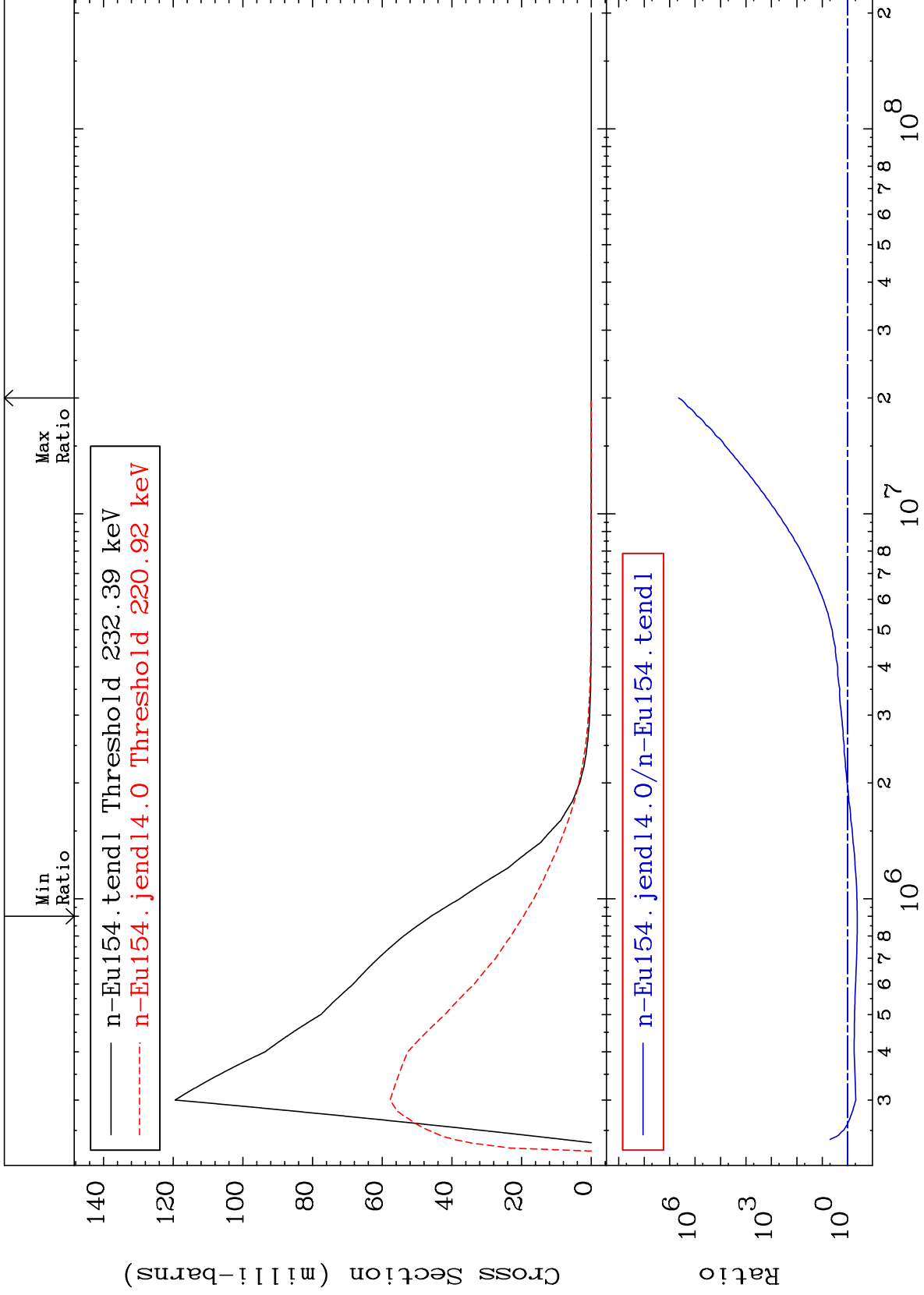


MAT 6334

MT= 75 (n,n') Level  
Cross Section

63-Eu-154  
7.642 To 9999. %

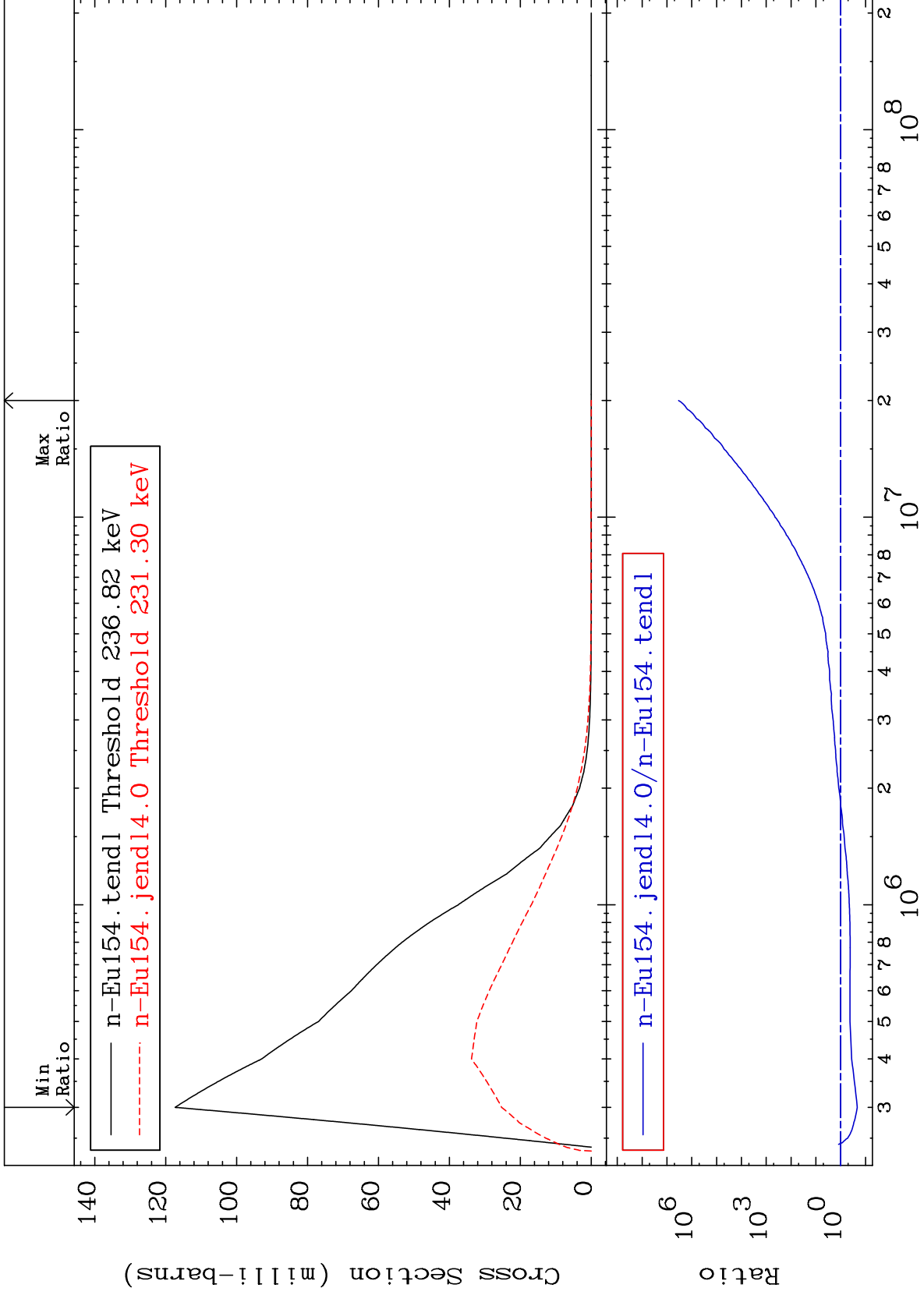


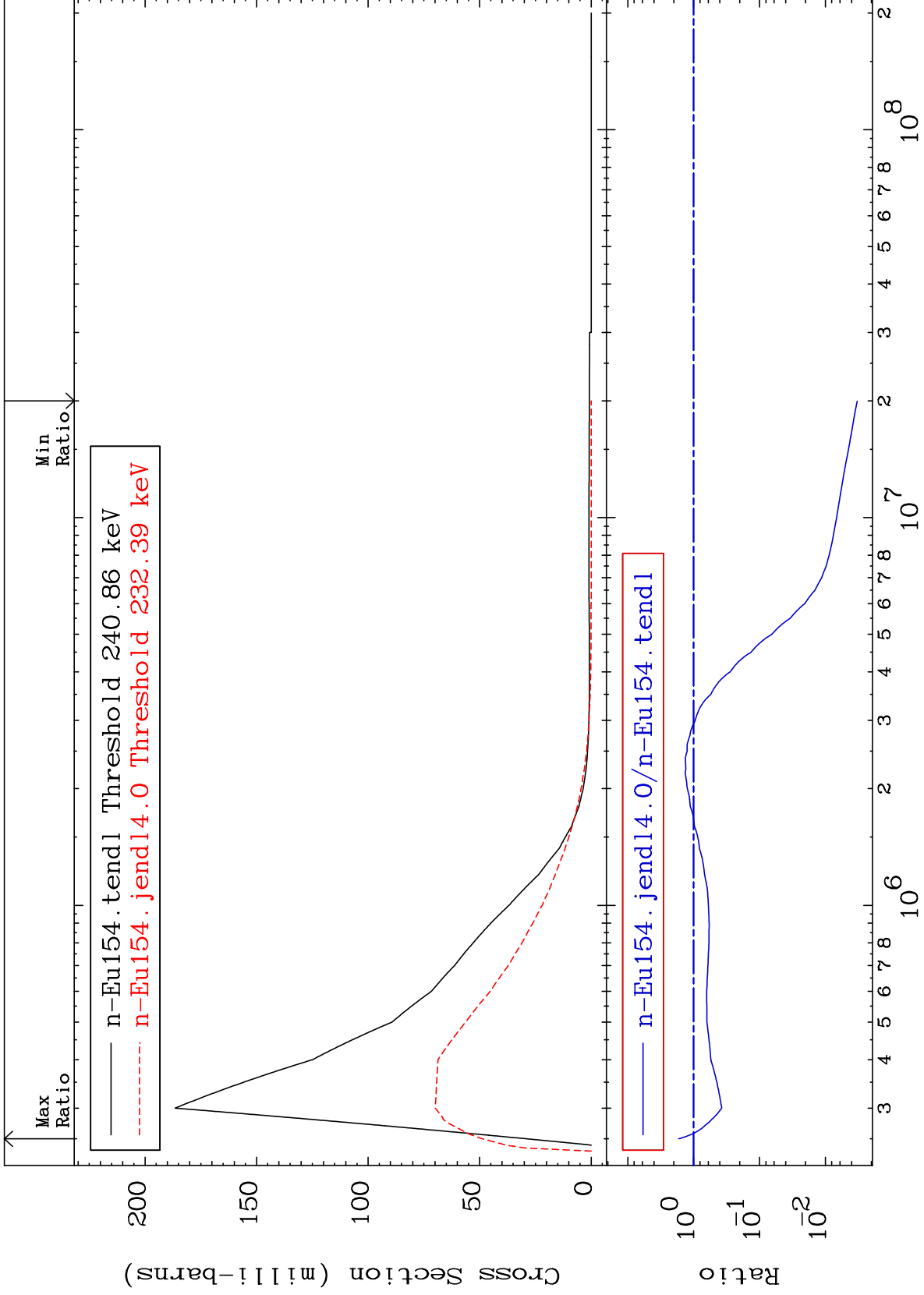


MAT 6334

MT= 77 (n,n') Level  
Cross Section

63-Eu-154  
-78.50 To 9999. %

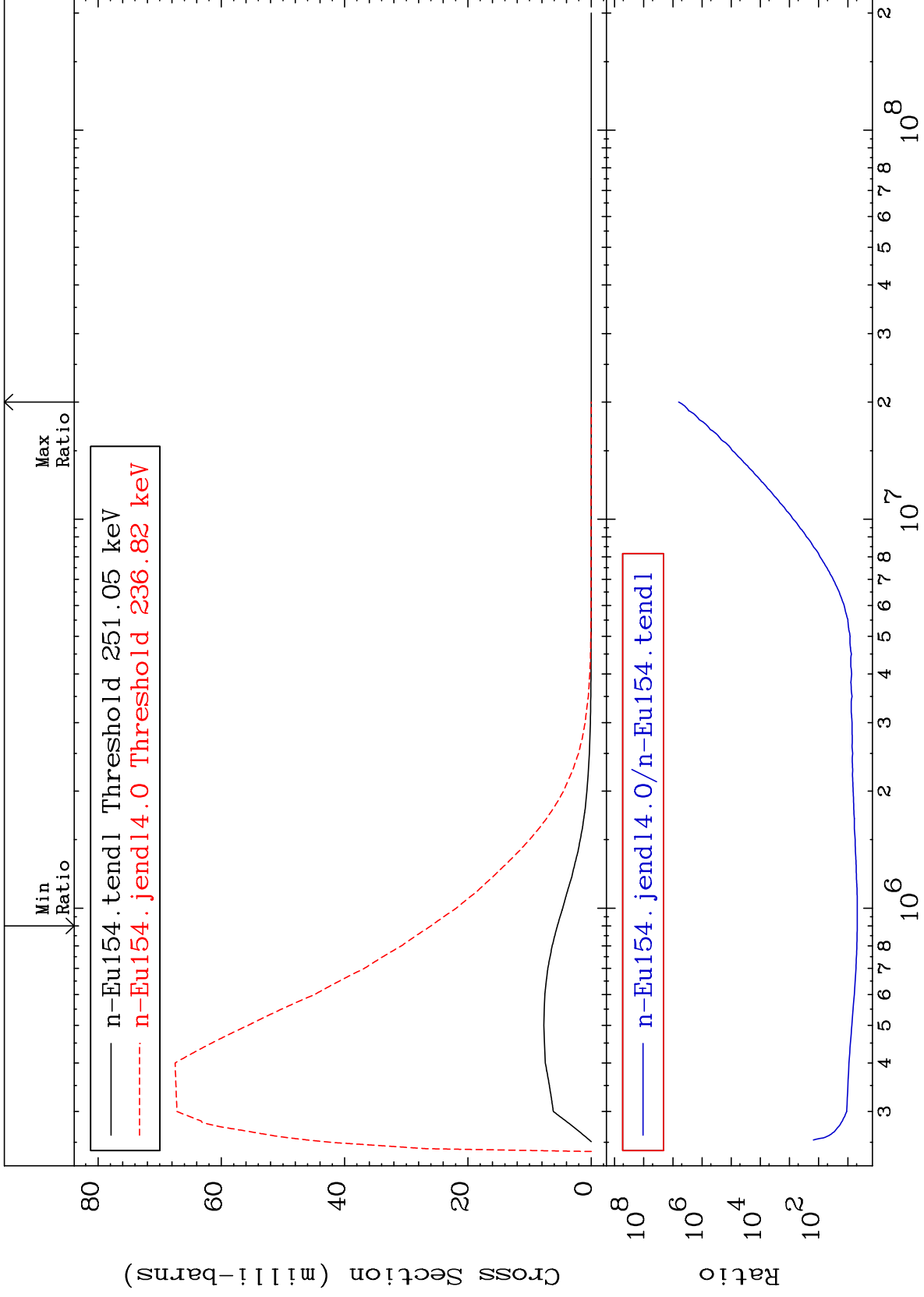




MAT 6334

MT= 79 (n,n') Level  
Cross Section

63-Eu-154  
373.5 To 9999. %



40

Incident Energy (eV)

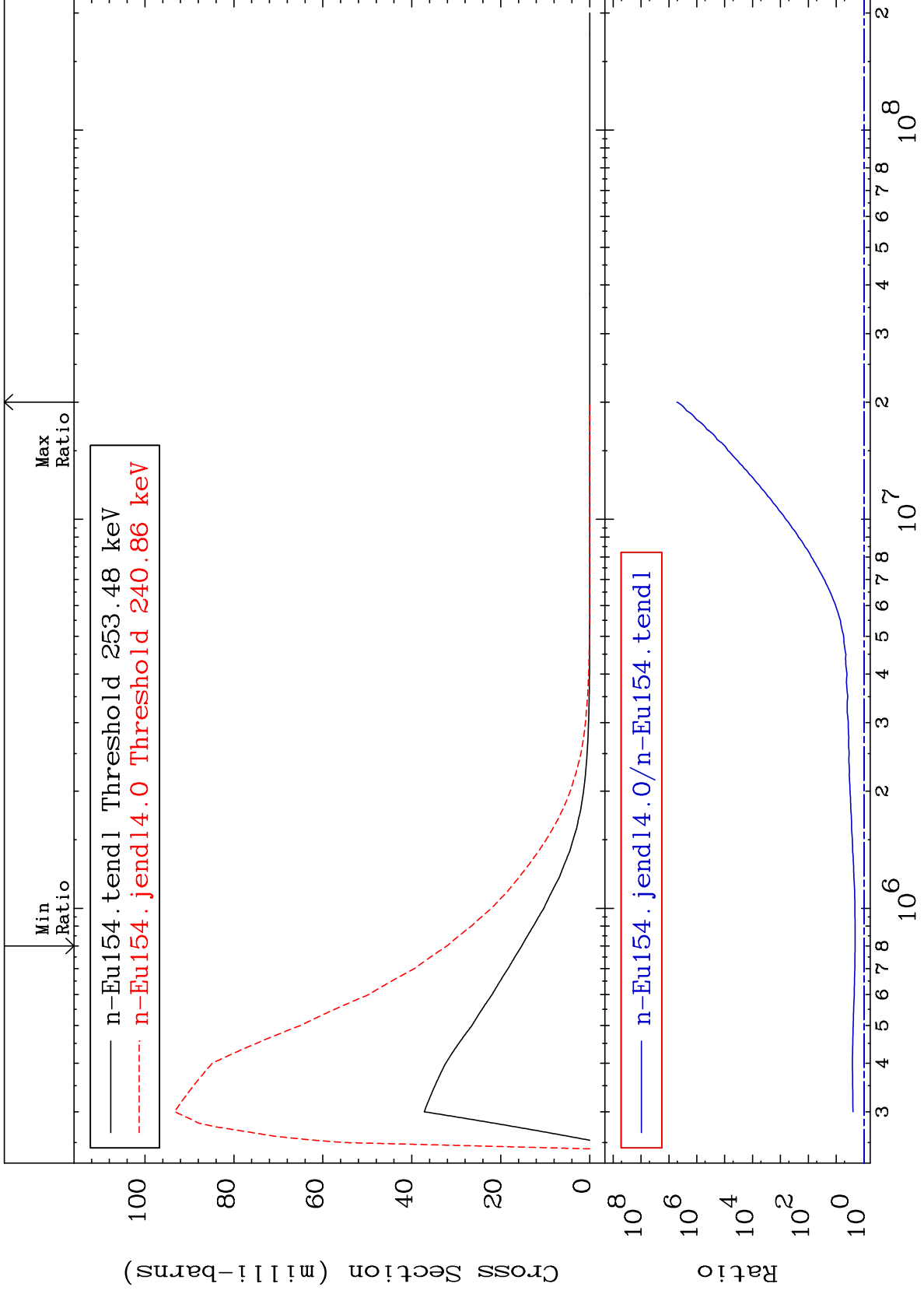
63-Eu-154



MAT 6334

MT= 80 (n,n') Level  
Cross Section

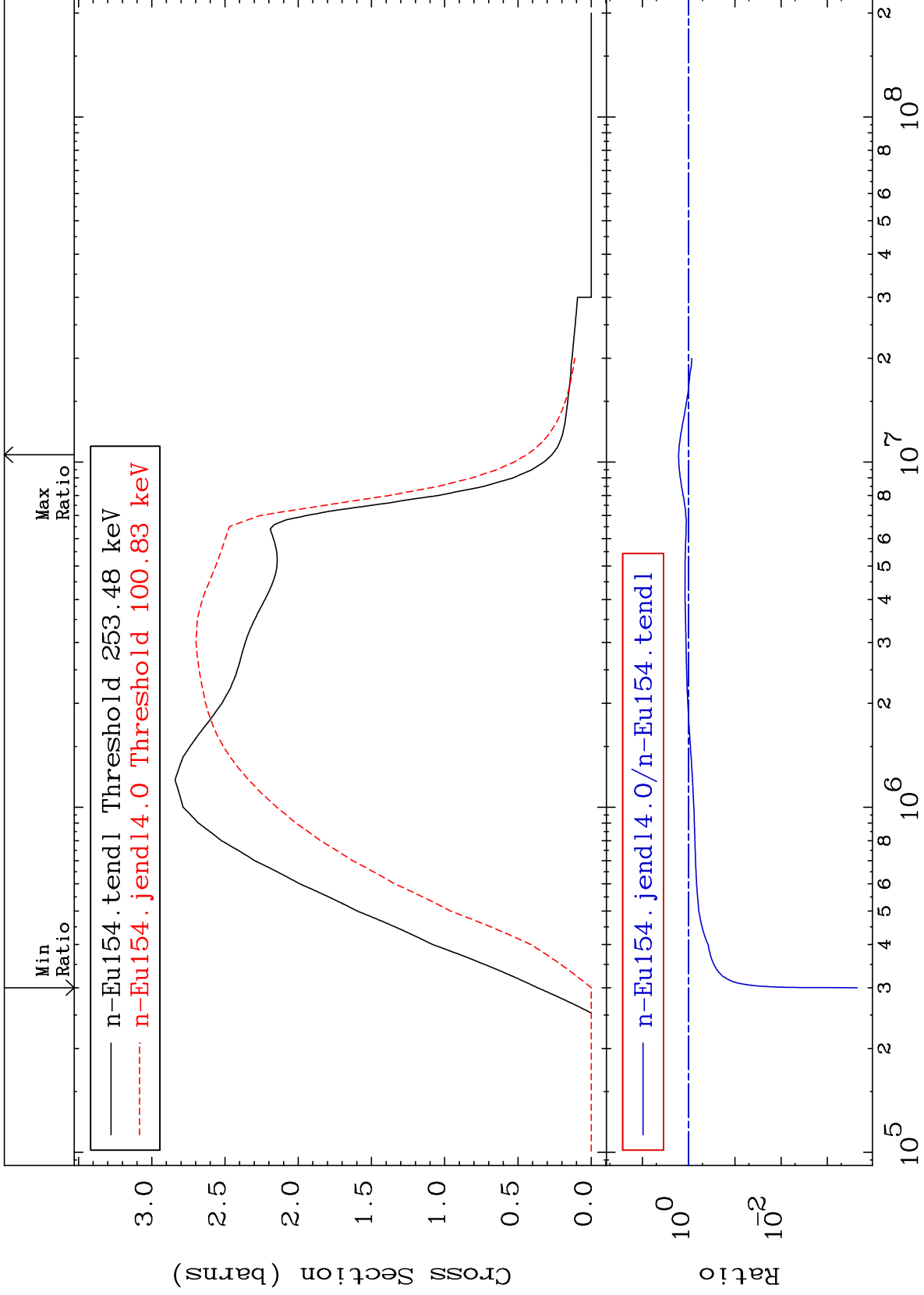
63-Eu-154  
109.9 To 9999. %



MAT 6334

(n, n') Continuum  
Cross Section

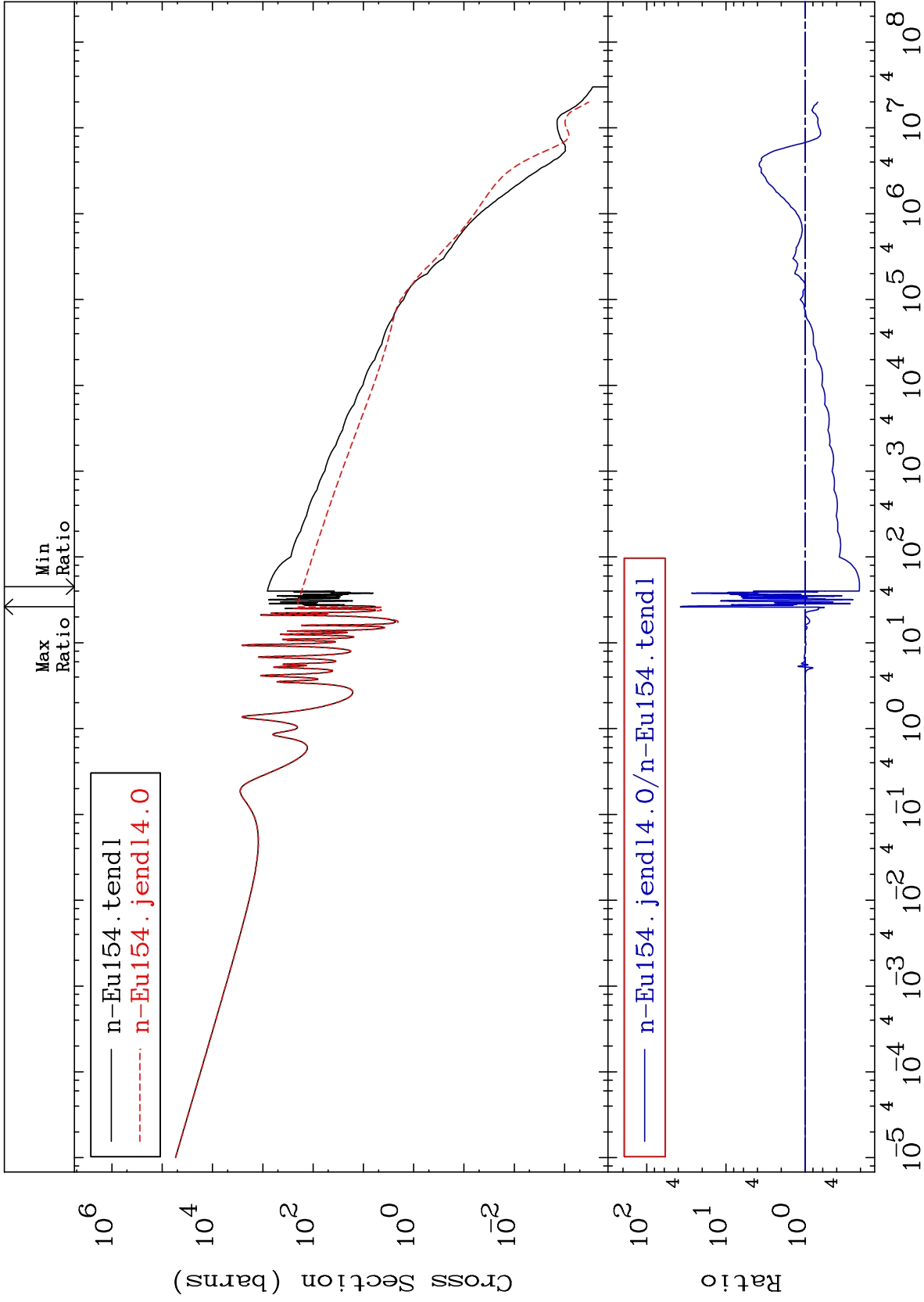
63-Eu-154  
-99.98 To 64.38 %



42

63-Eu-154

63-Eu-154



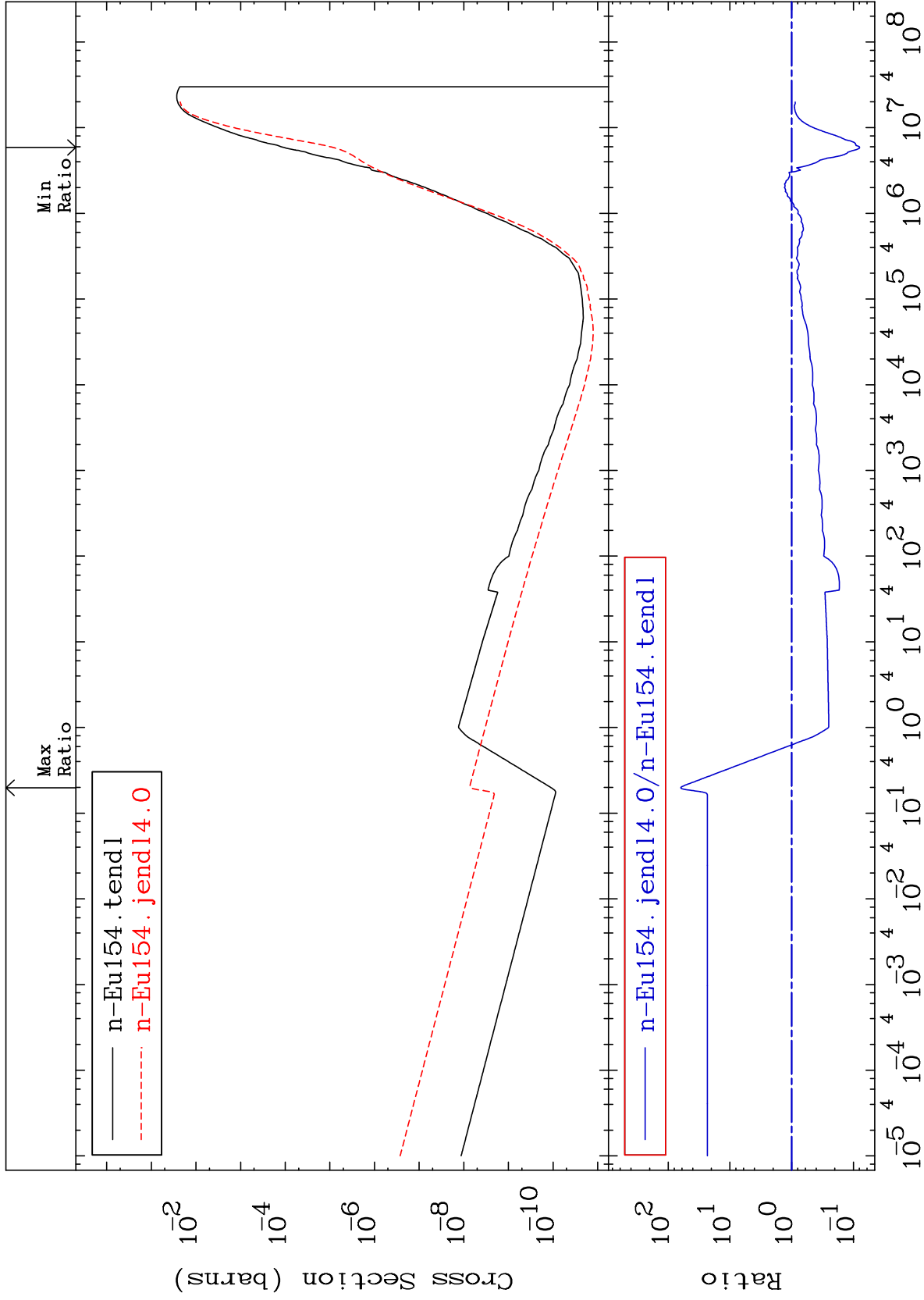
MAT 6334

(n,p)

63-Eu-154

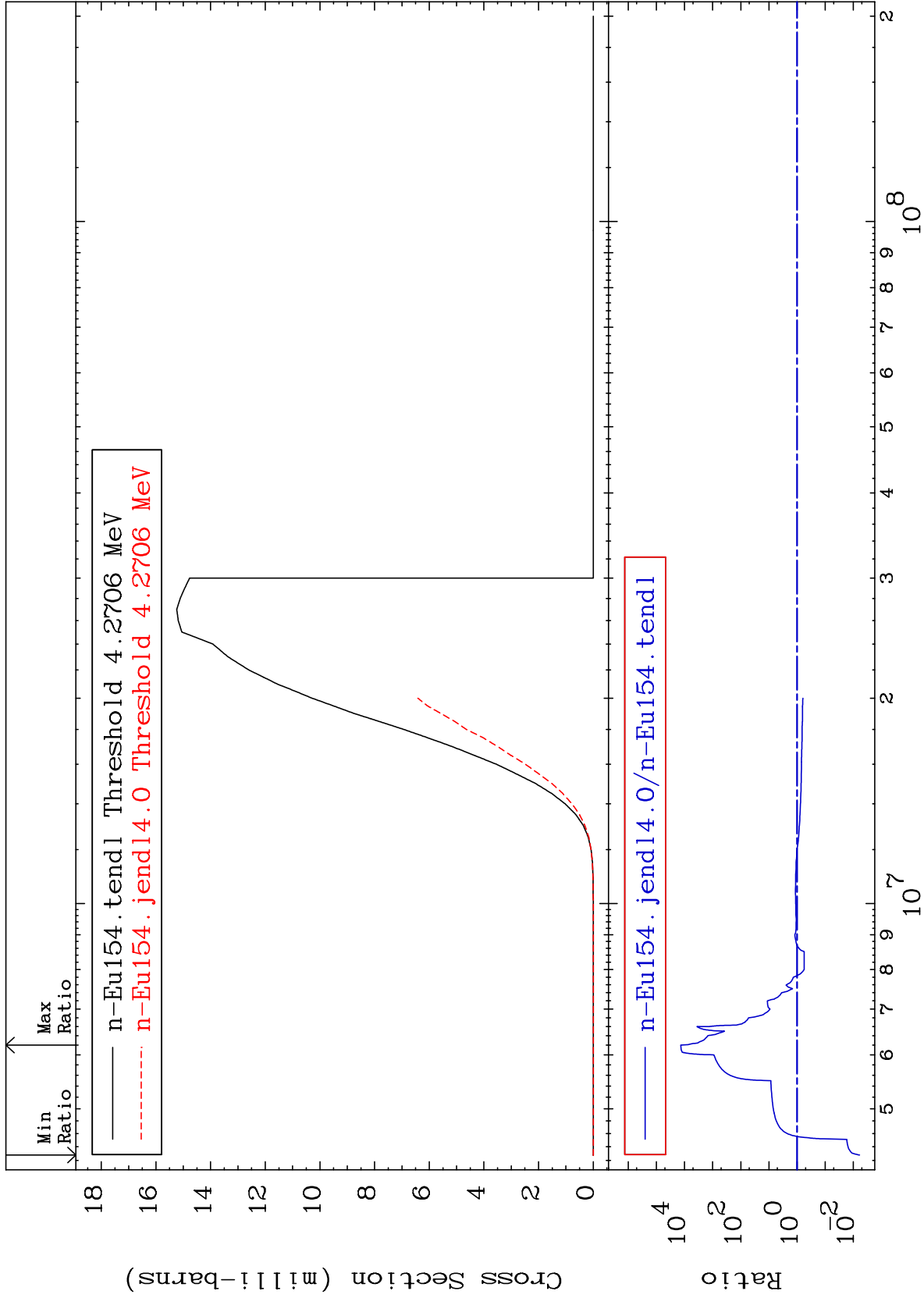
Cross Section

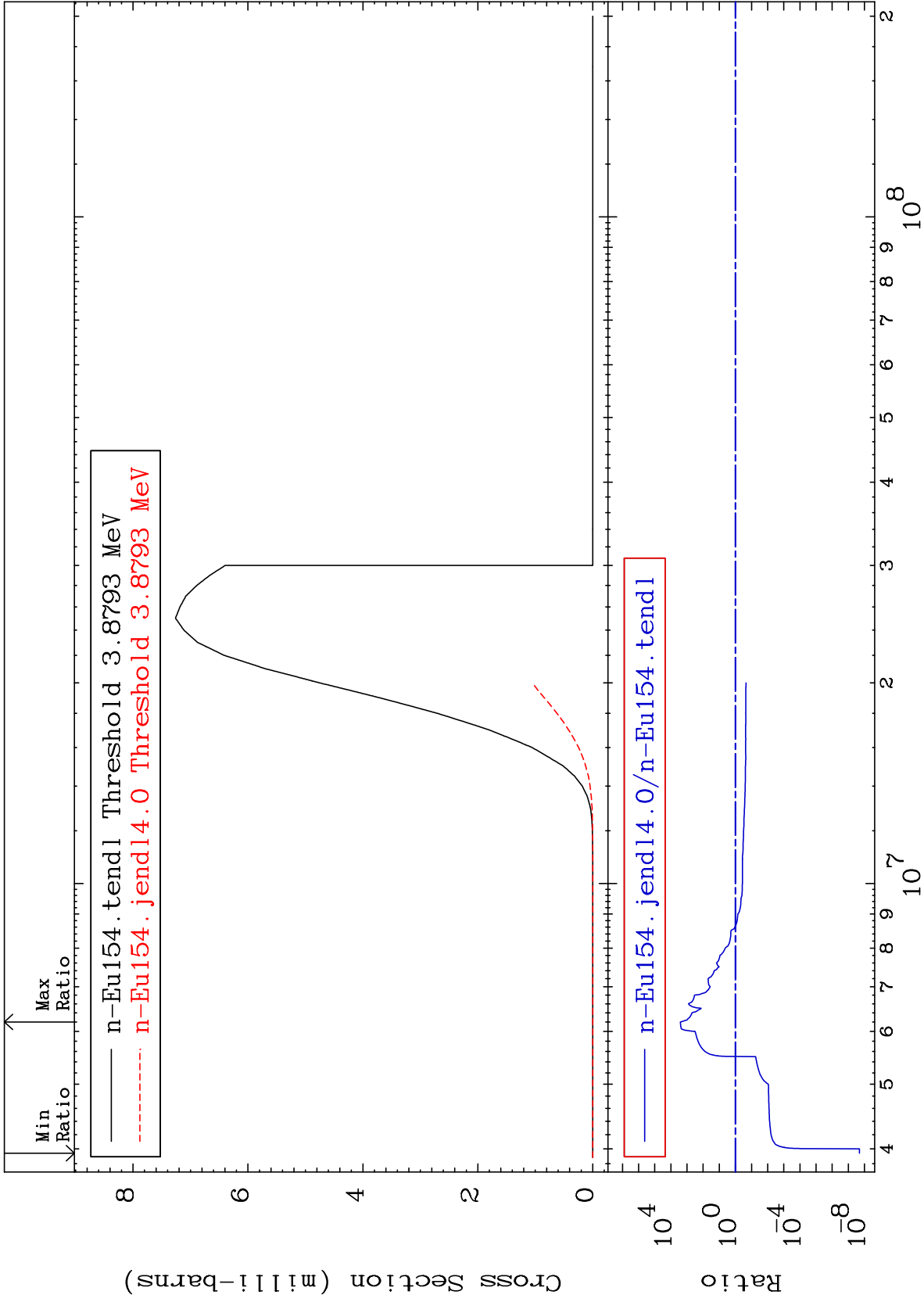
-92.05 To 6160. %



Cross Section

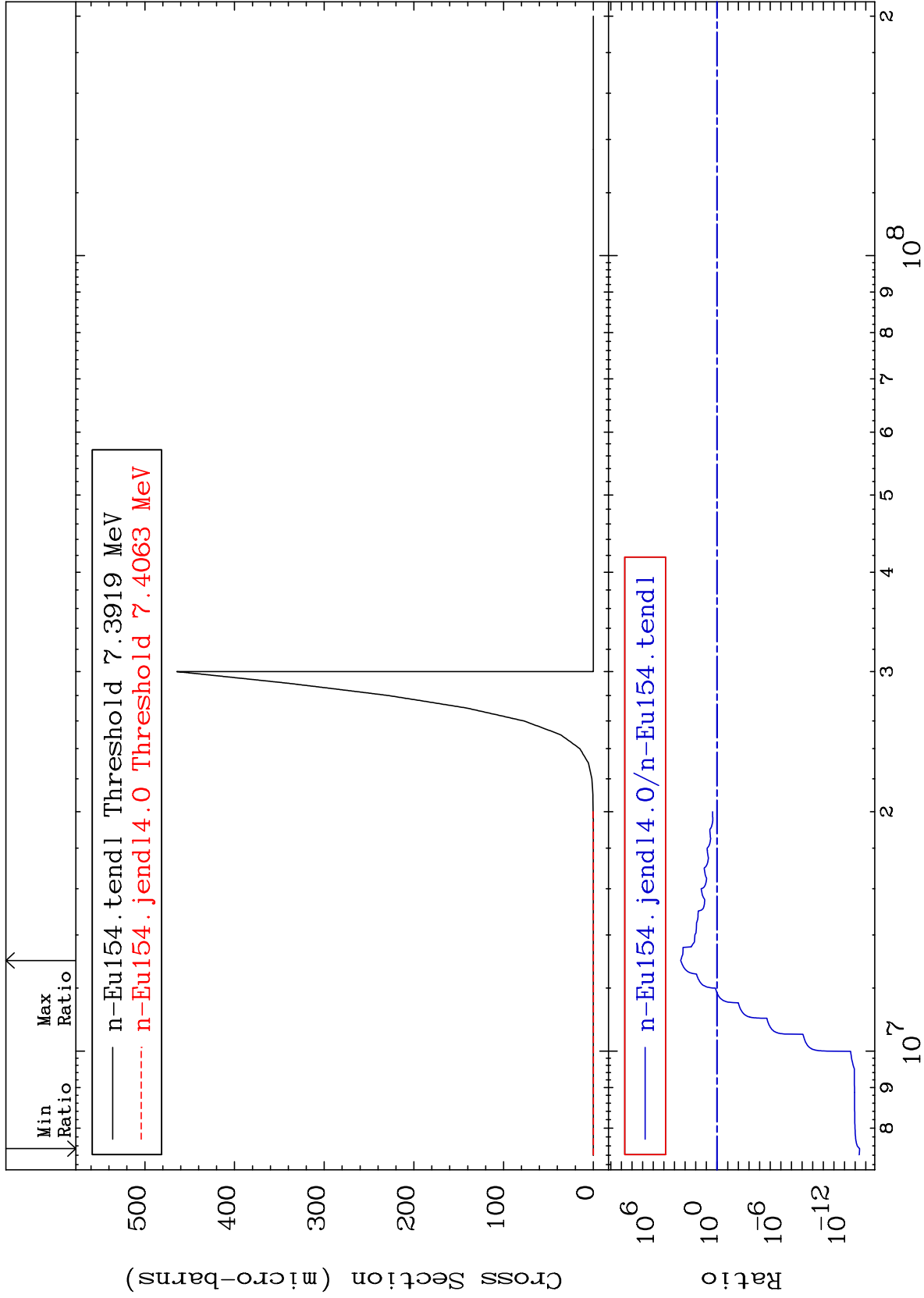
-99.40 To 9999. %





Cross Section

-100.0 To 9999. %



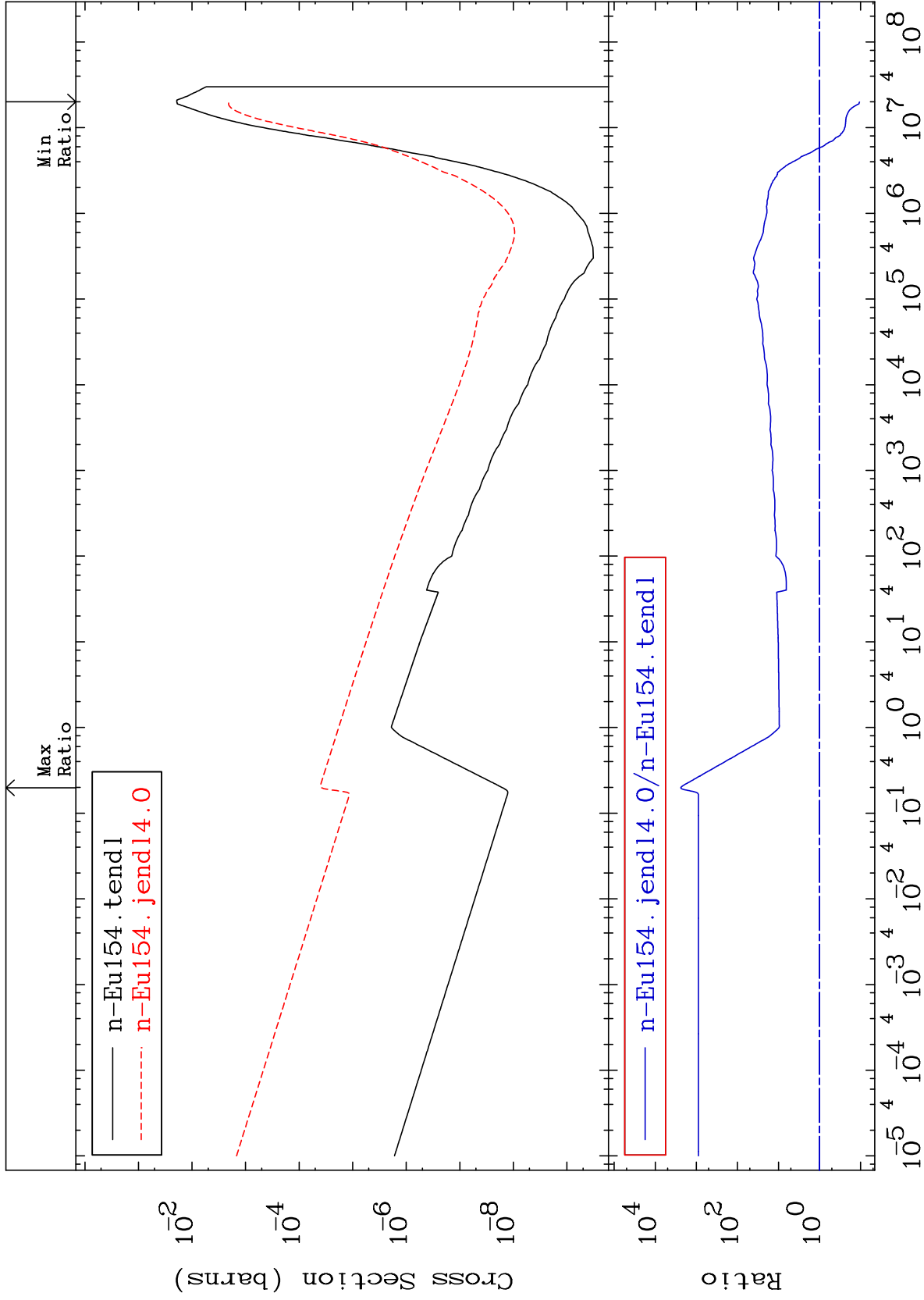
MAT 6334

(n,  $\alpha$ )

63-Eu-154

Cross Section

-89.36 To 9999. %

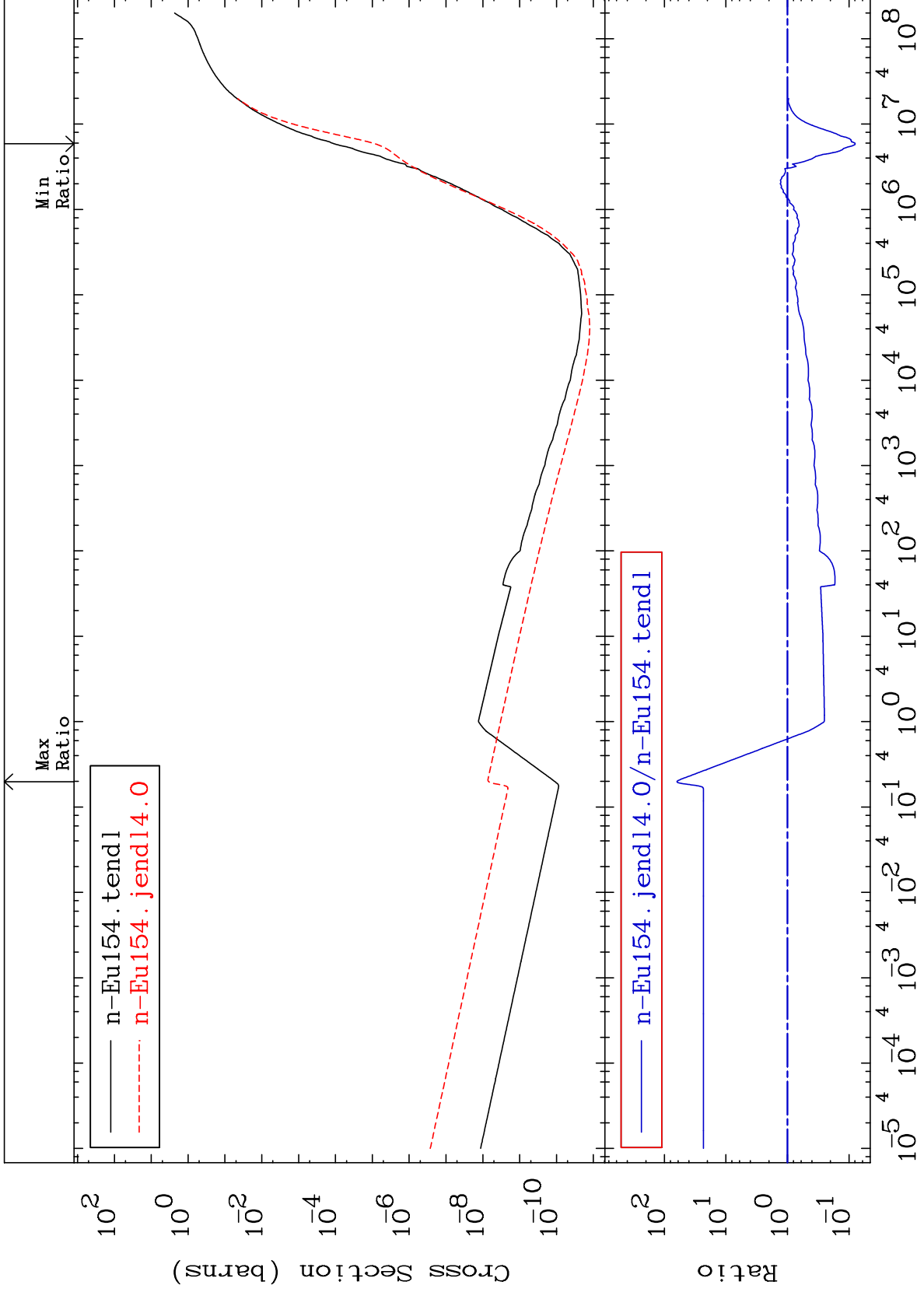


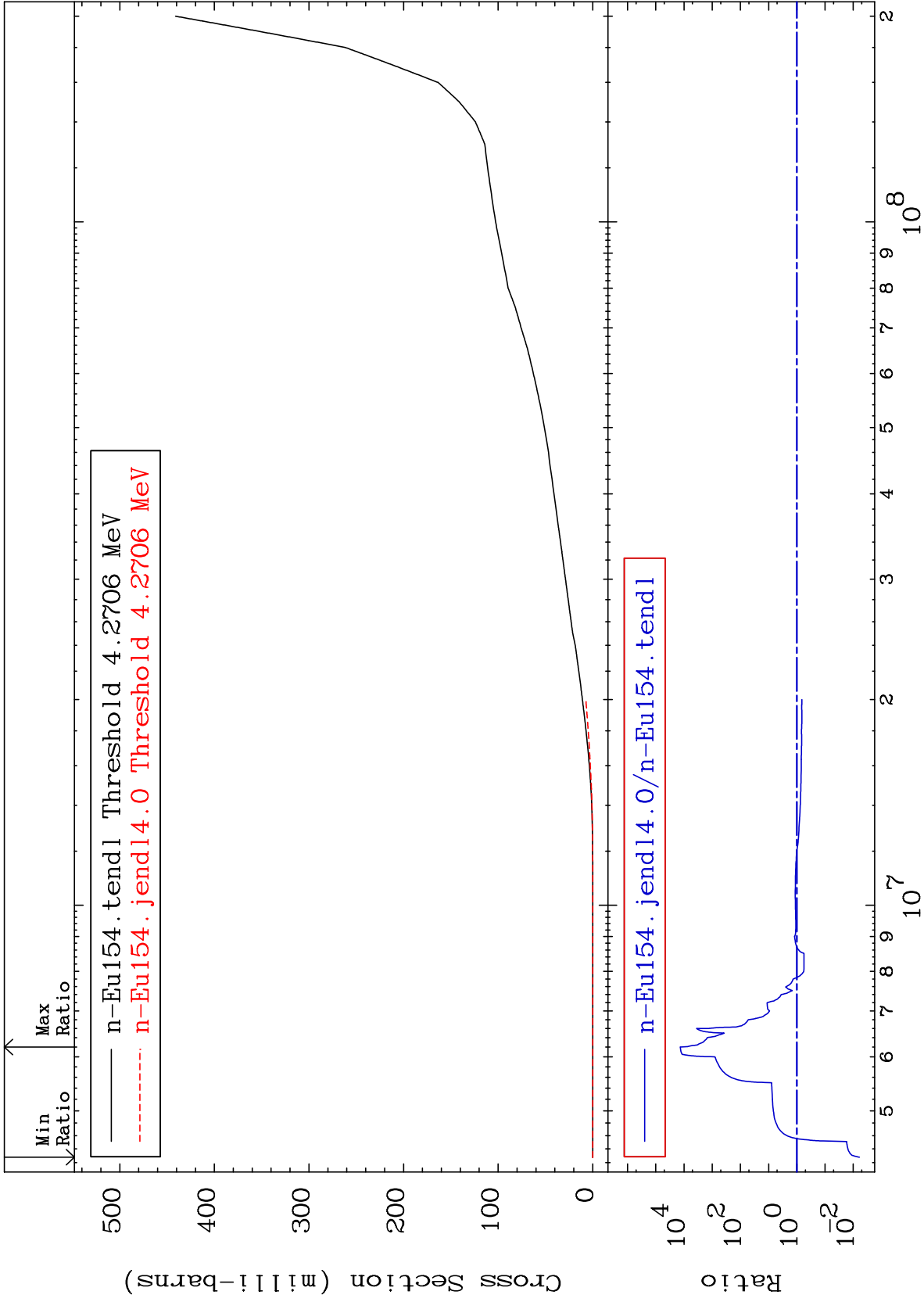


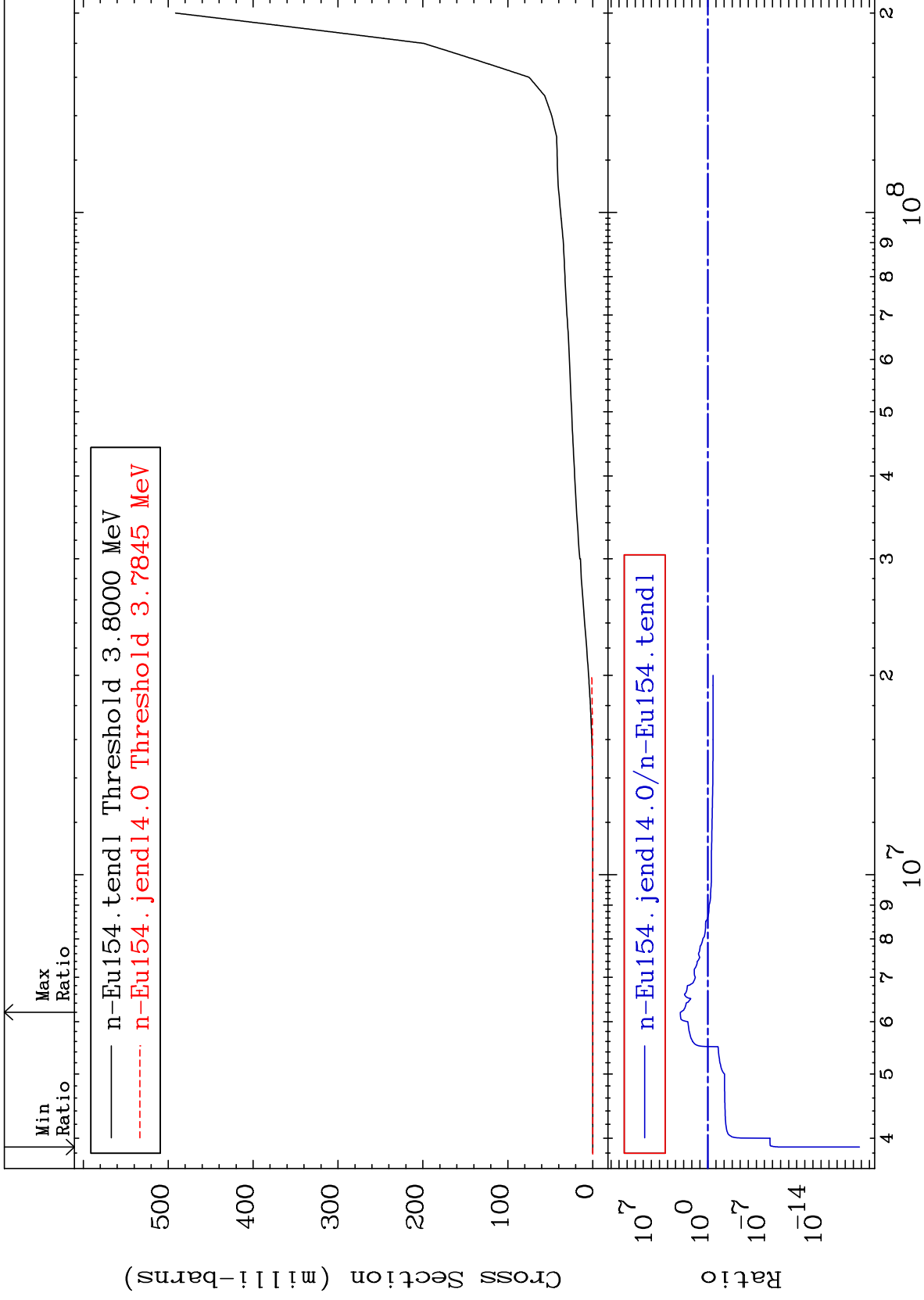
MAT 6334

Hydrogen Production  
Cross Section

63-Eu-154  
-92.05 To 6160. %



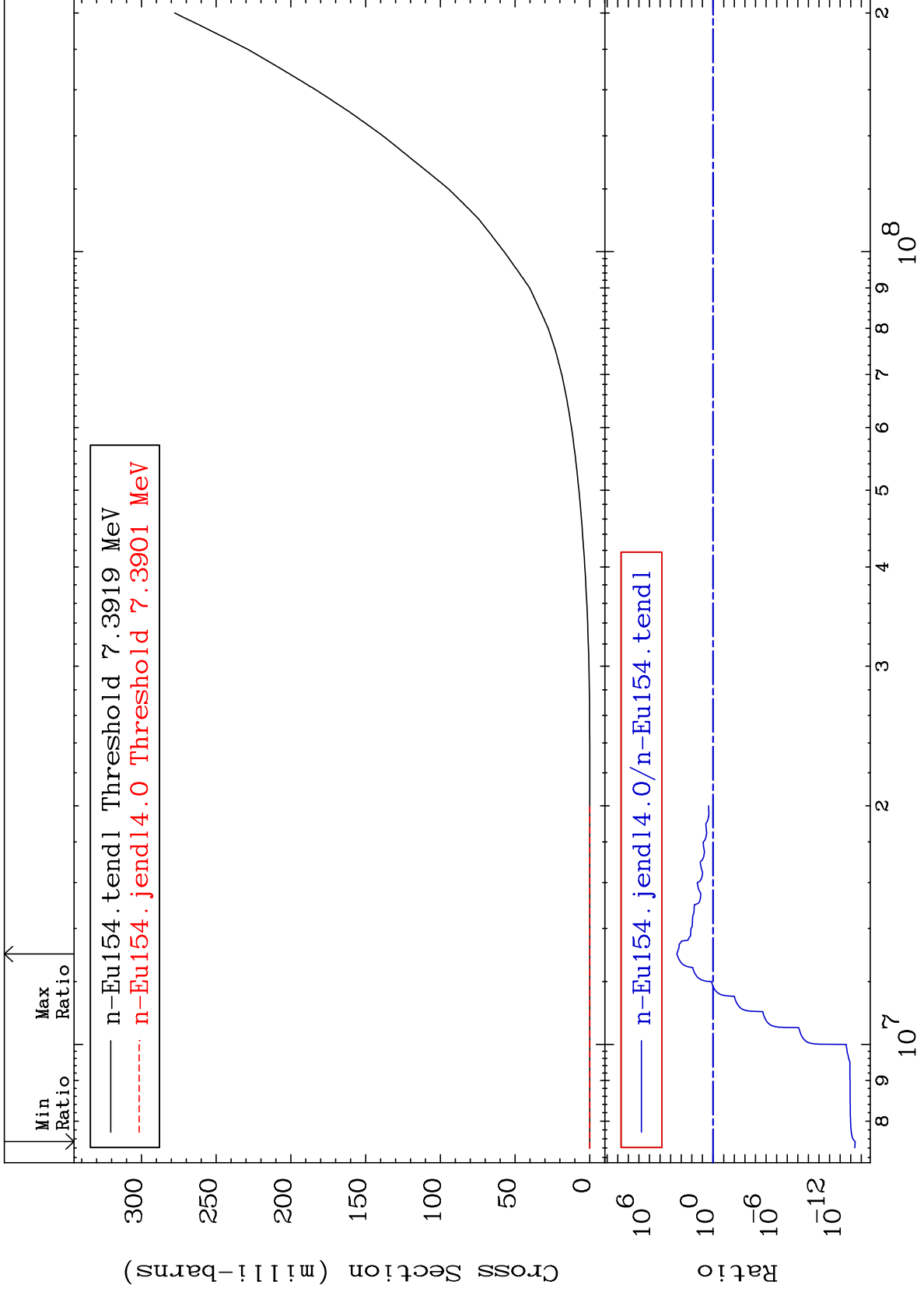




MAT 6334

He-3 Production  
Cross Section

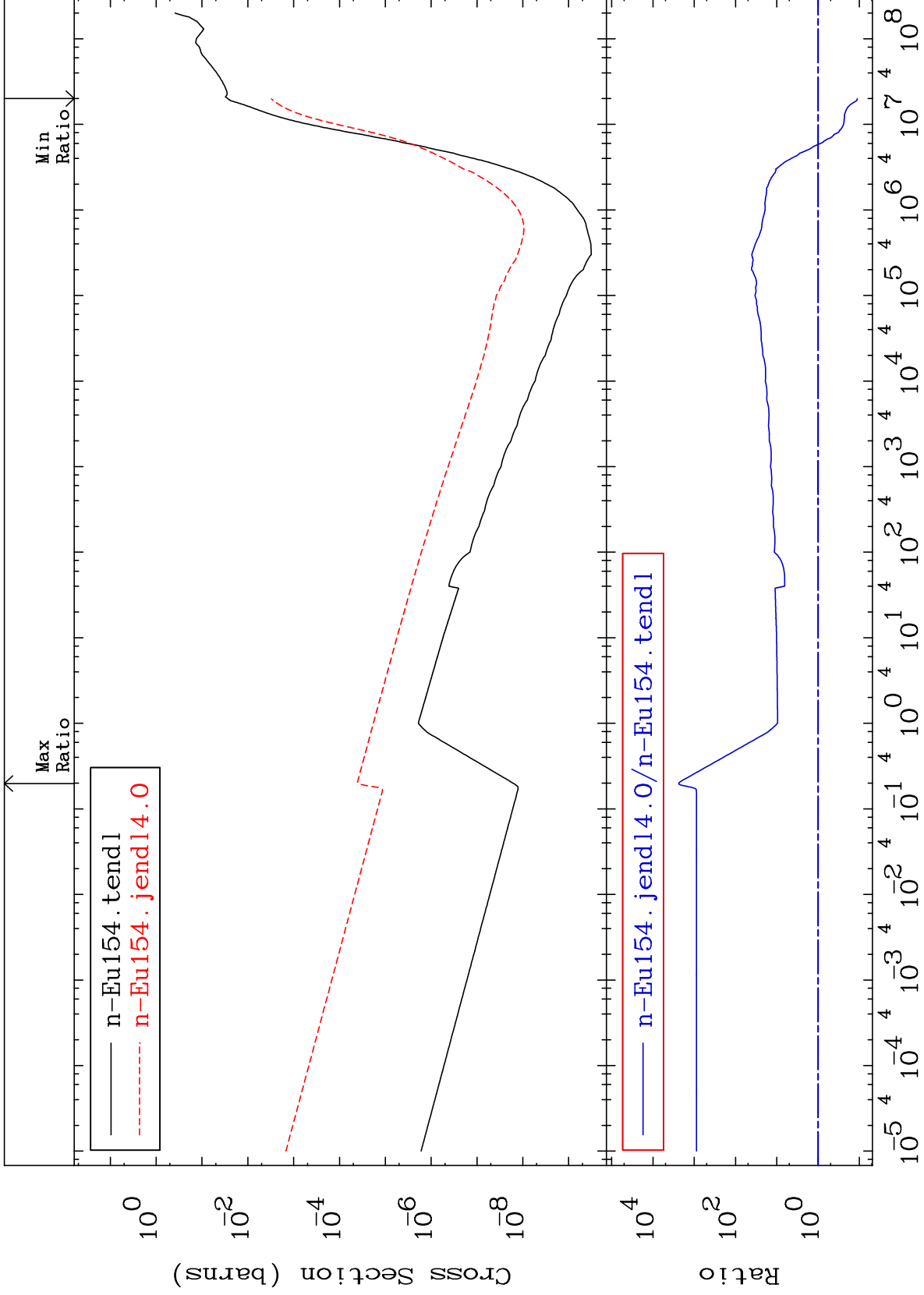
63-Eu-154  
-100.0 To 9999. %

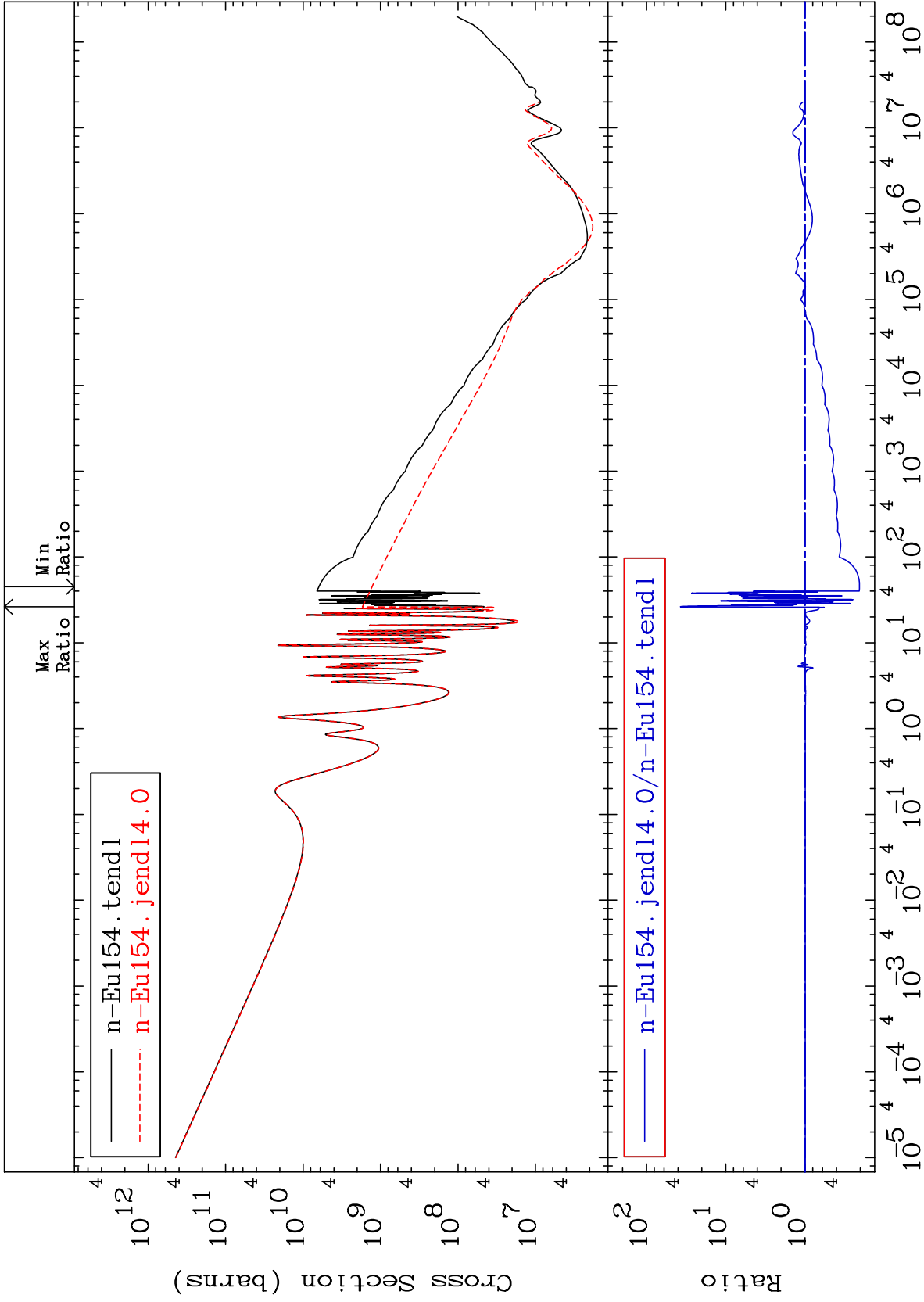


MAT 6334

He-4 Production  
Cross Section

63-Eu-154  
-88.74 To 9999. %

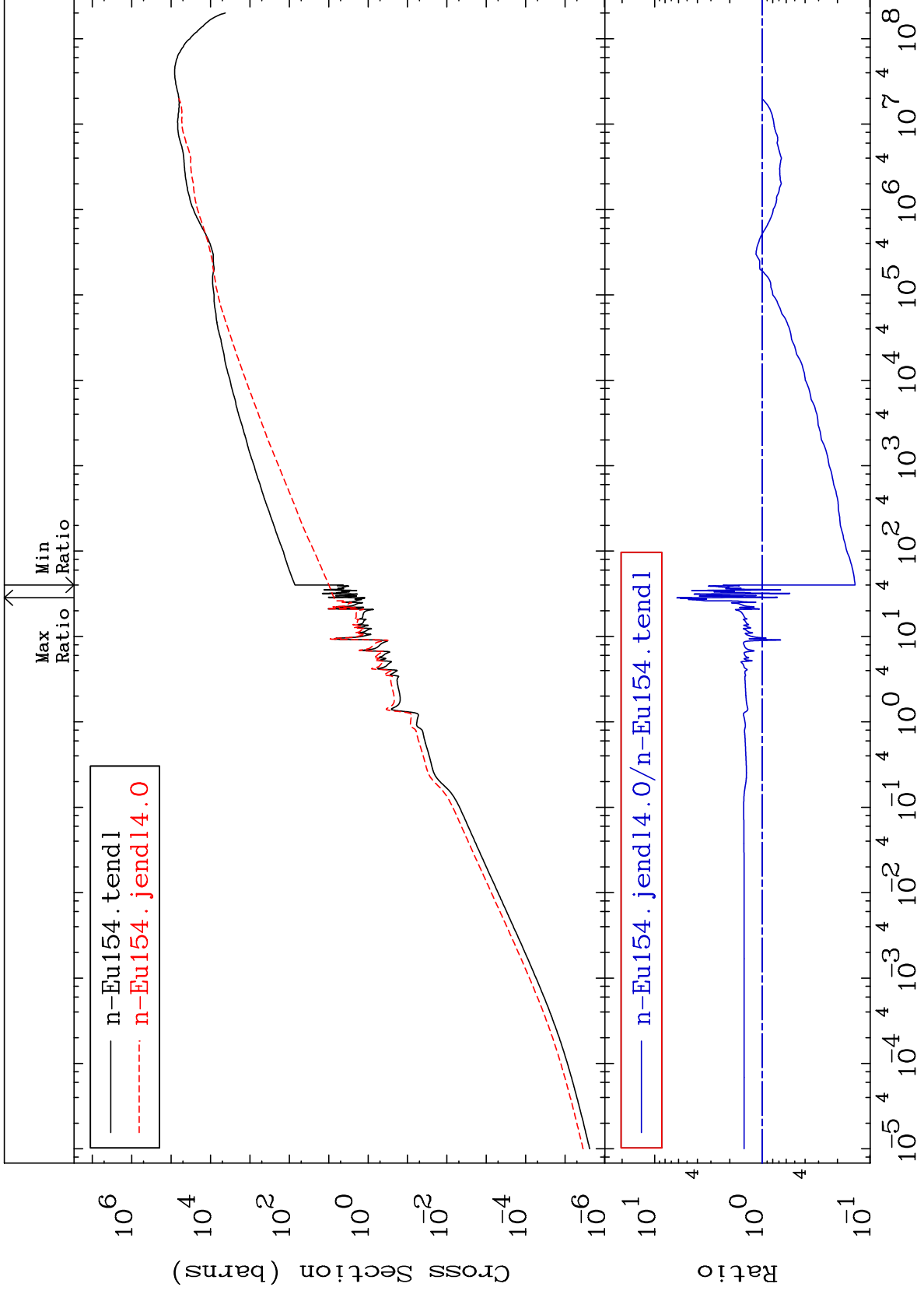




MAT 6334

Kerma elastic  
Cross Section

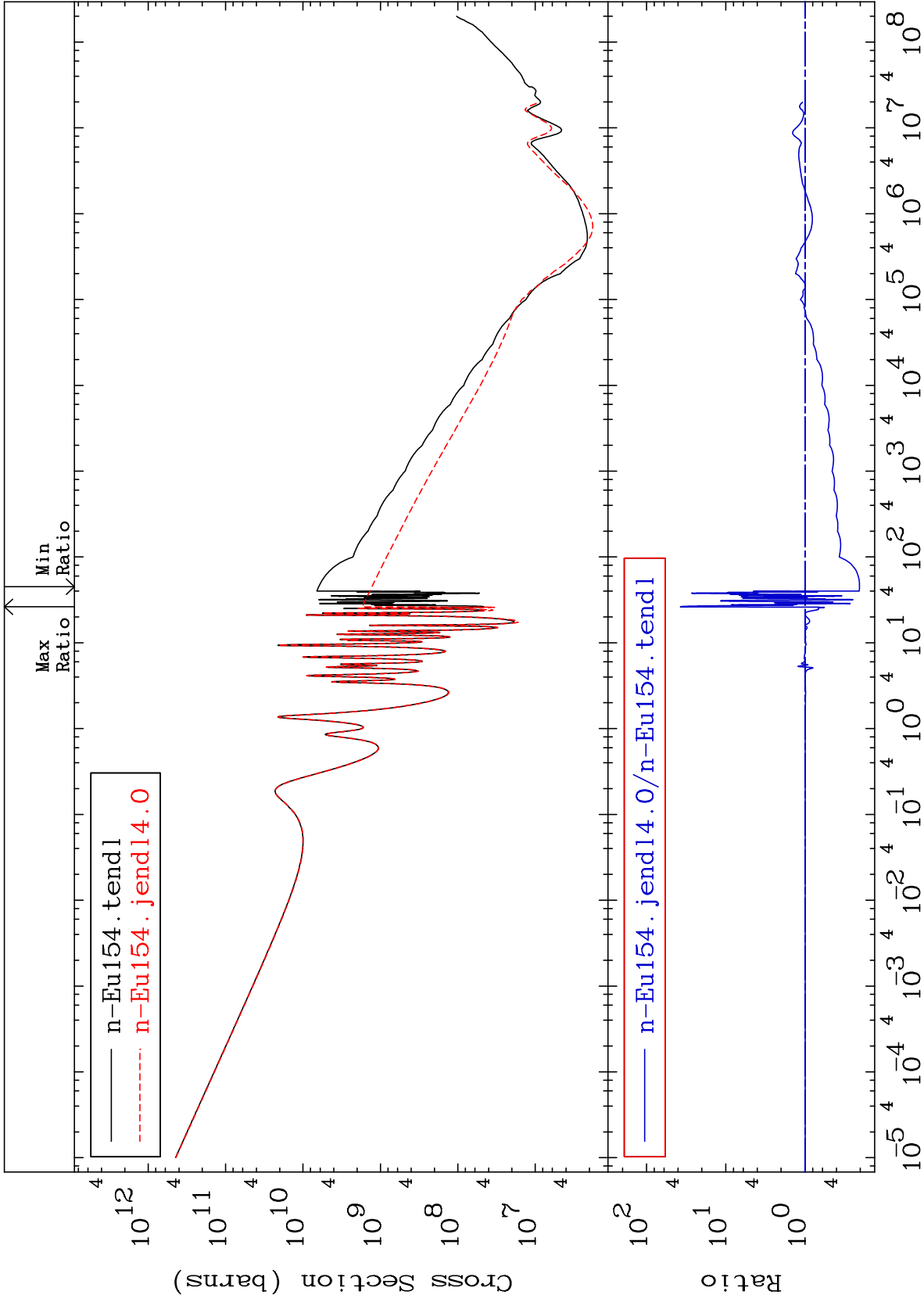
63-Eu-154  
-86.28 To 520.3 %



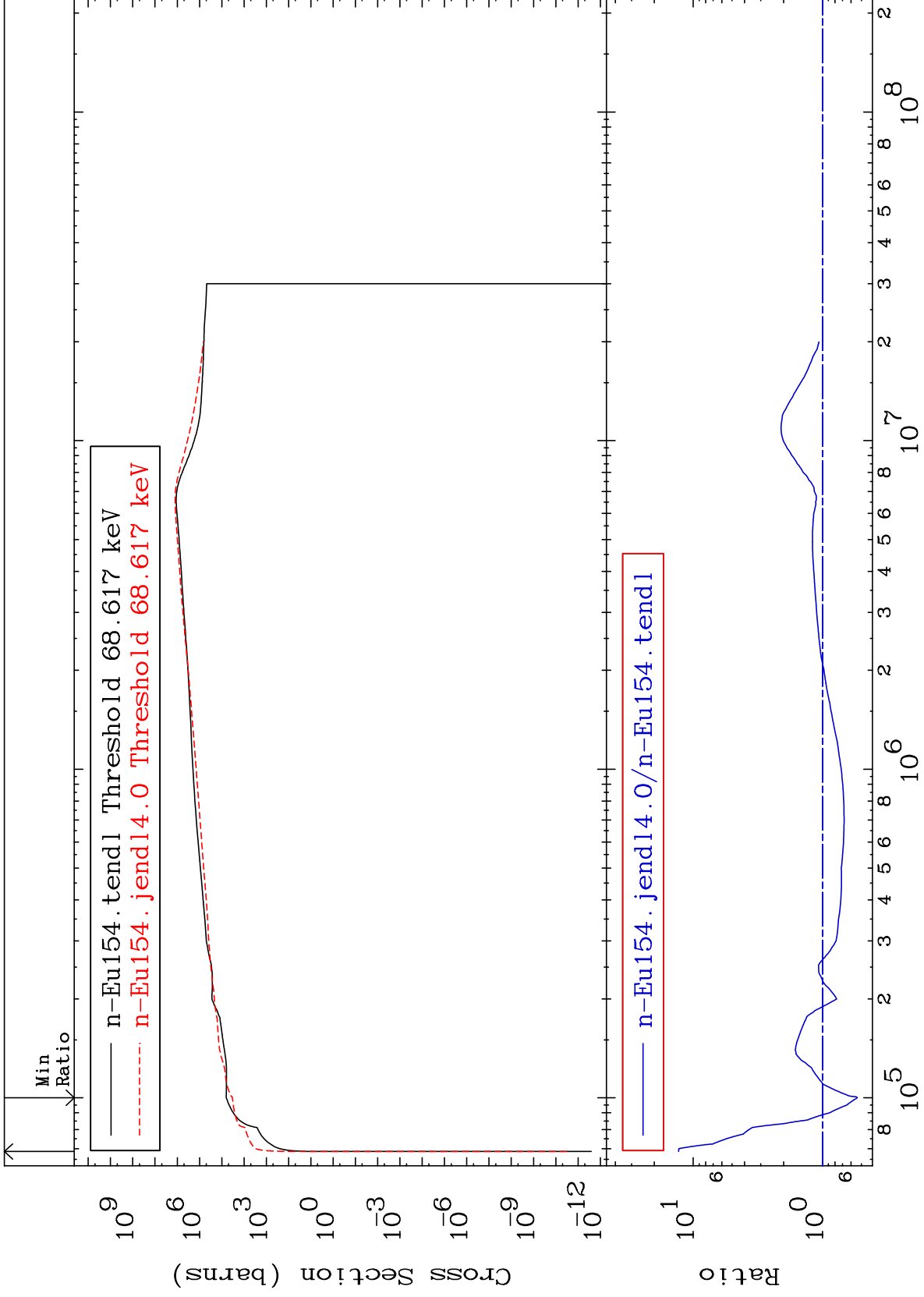
55

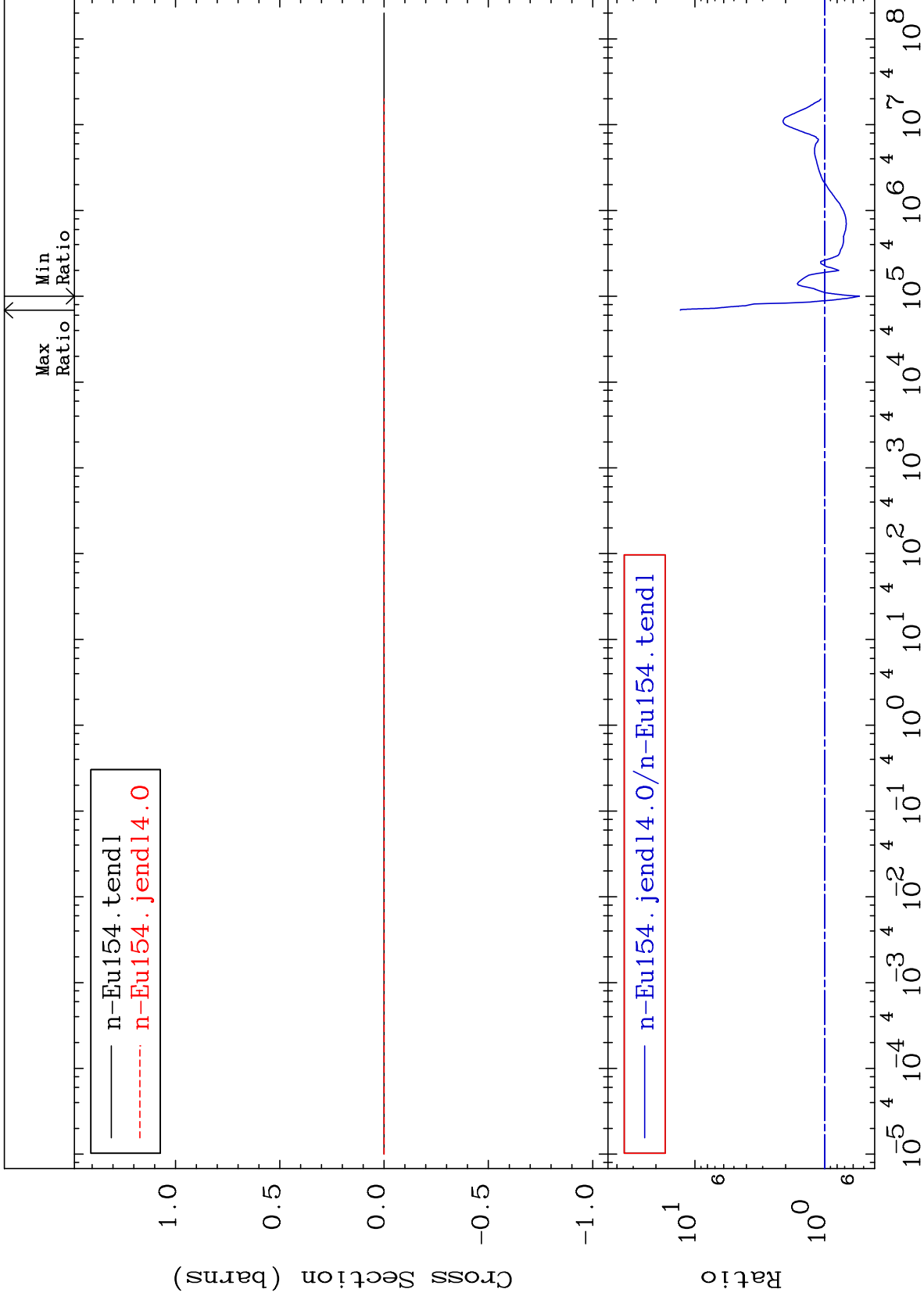
Incident Energy (eV)

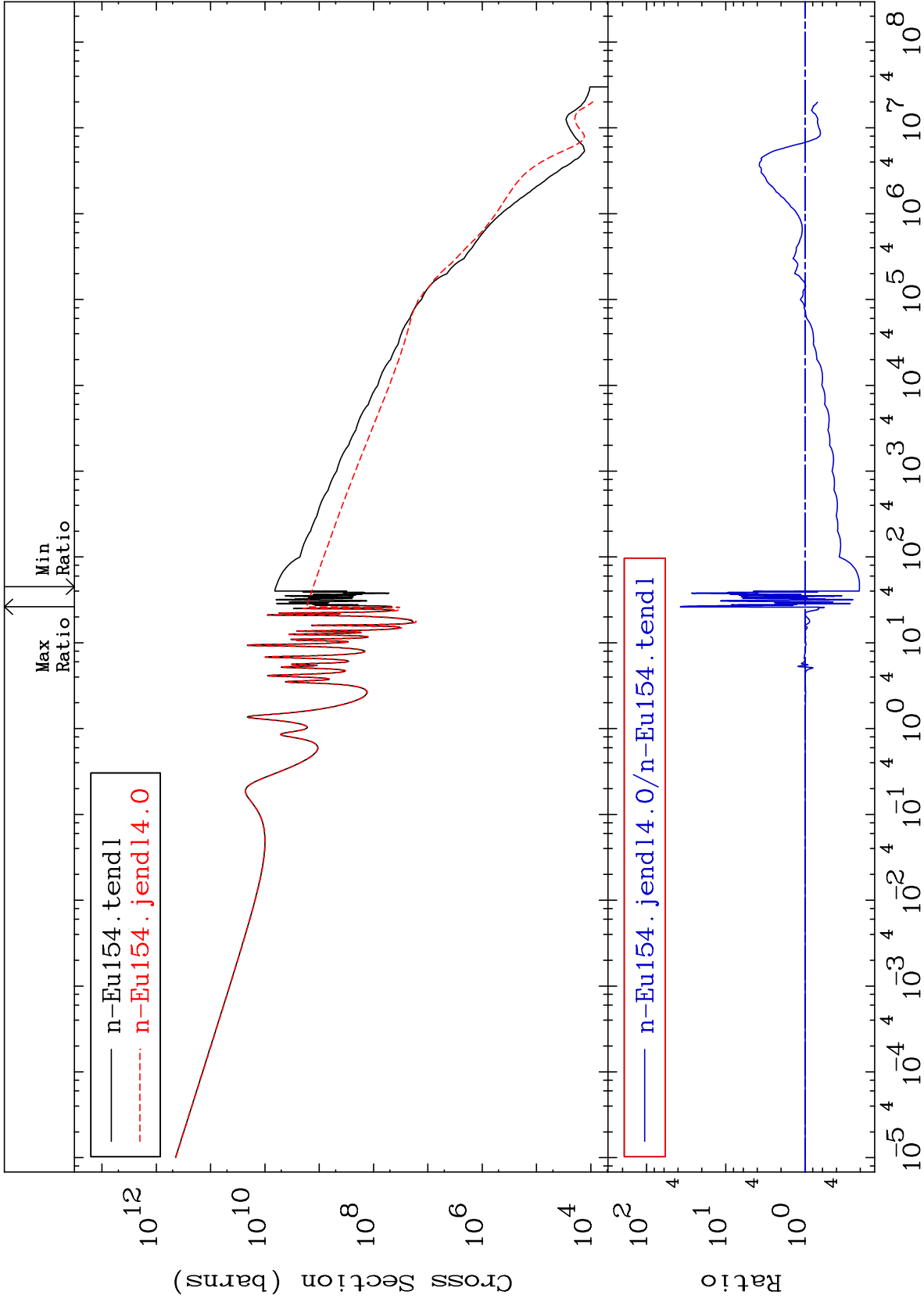
63-Eu-154

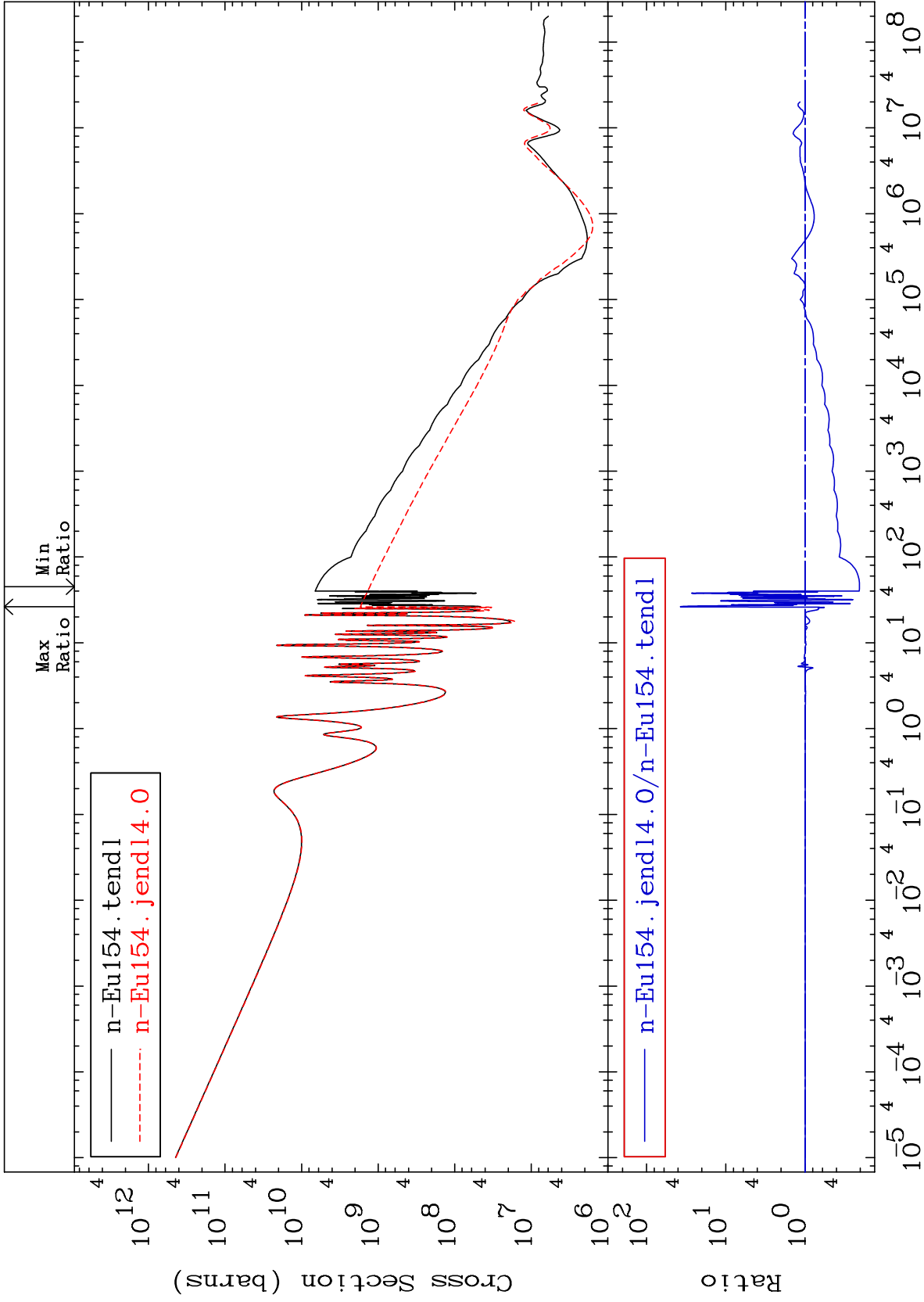


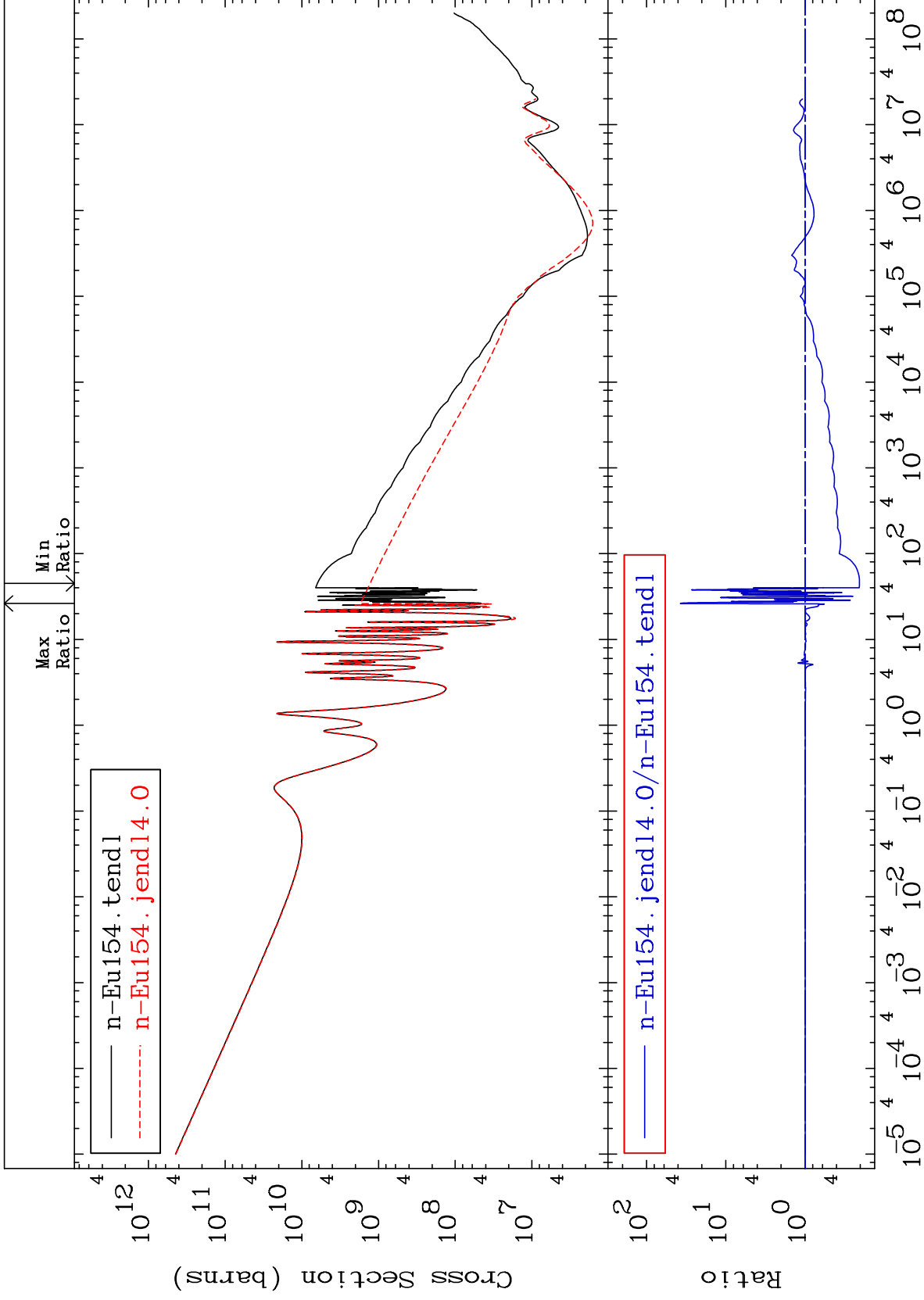












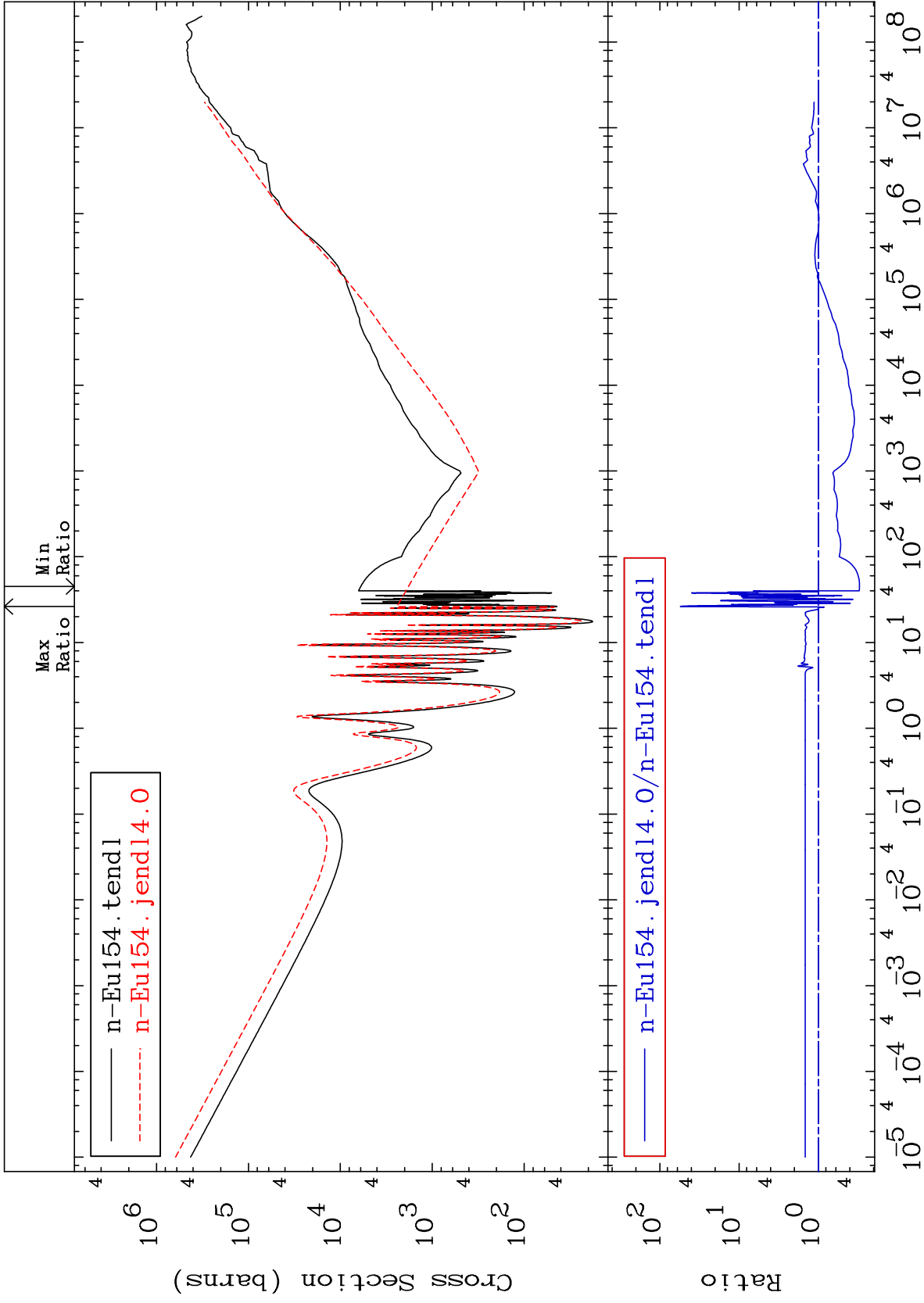
MAT 6334

Dpa total (eV-barns)

63-Eu-154

-69.76 To 5403. %

Cross Section



62

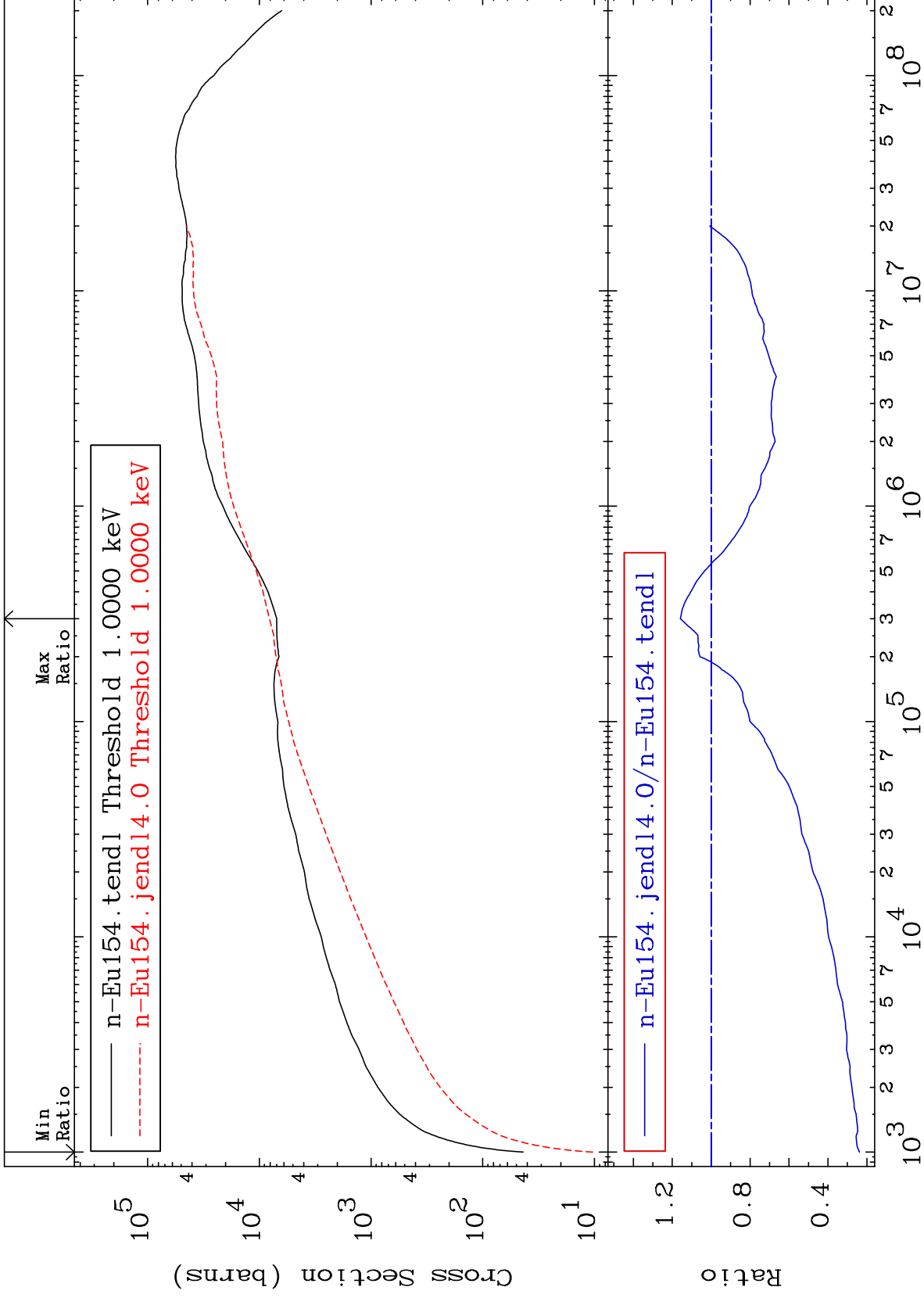
Incident Energy (eV)

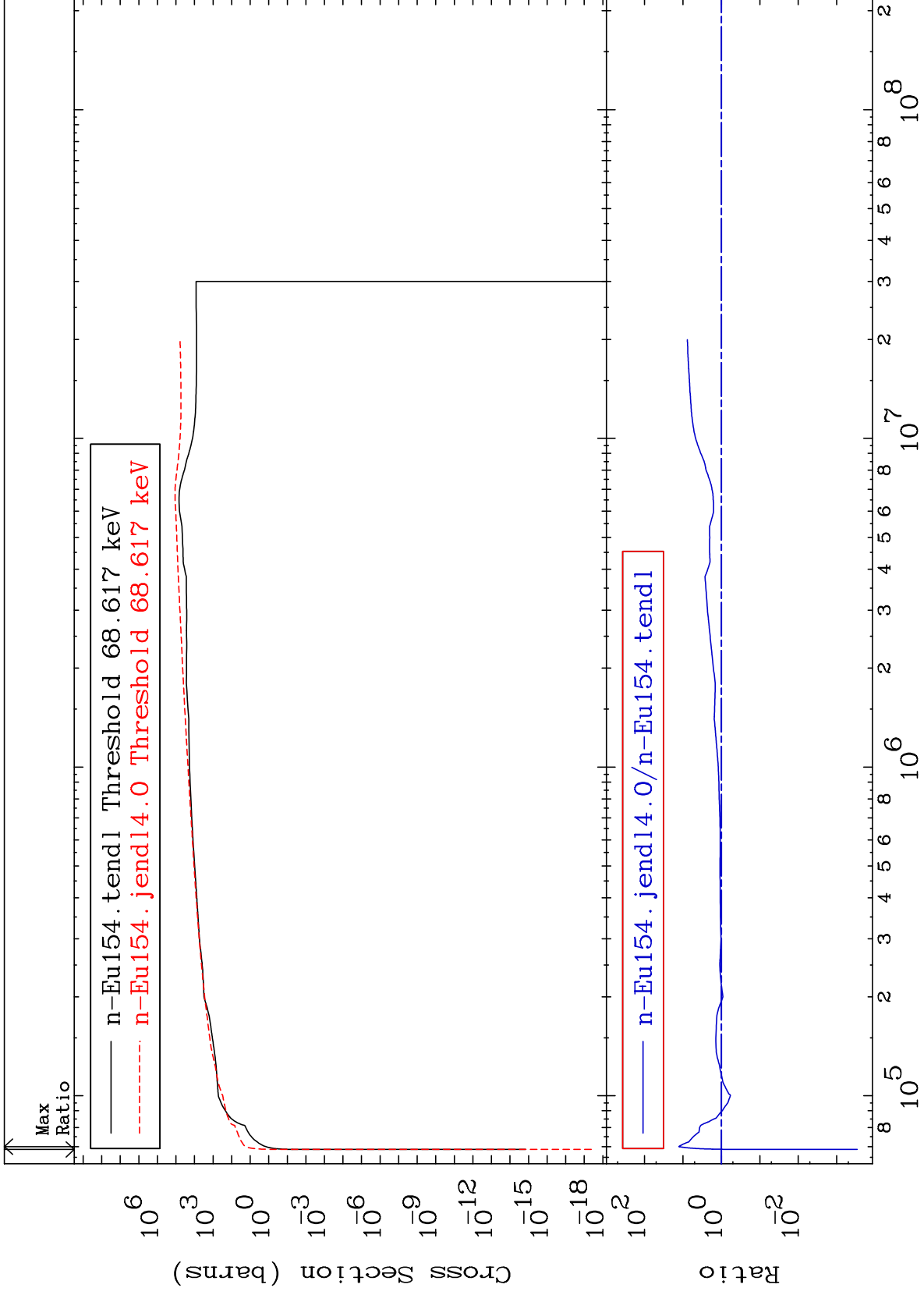
63-Eu-154

MAT 6334

Dpa elastic (mt2)  
Cross Section

63-Eu-154  
-76.16 To 15.83 %



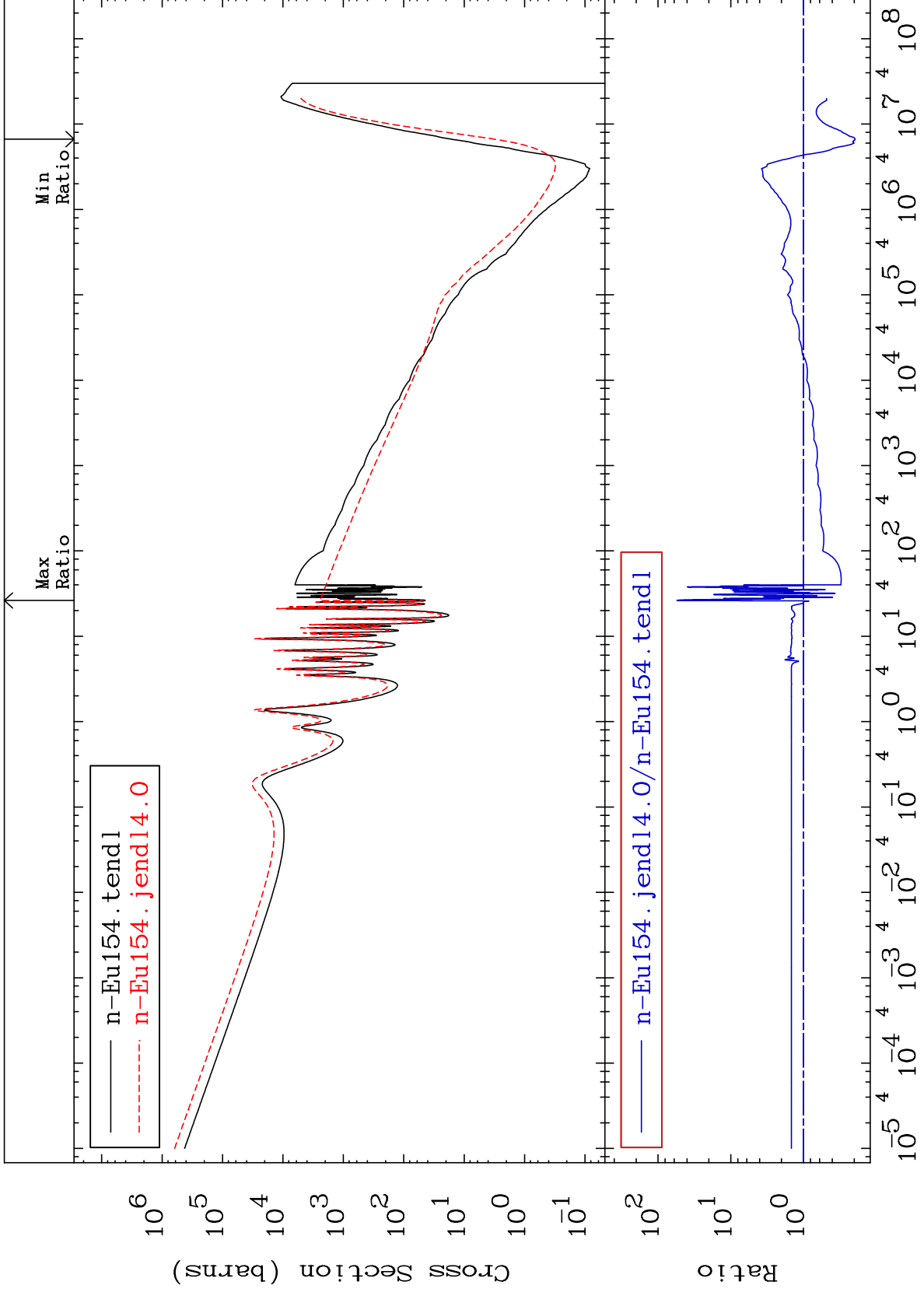




MAT 6334

Dpa disappearance (mt102 -120)  
Cross Section

63-Eu-154  
-80.56 To 5403. %



65

Incident Energy (eV)

63-Eu-154